

Initial Assessment Report
26-Acre Vacant Lot Property
2600 Duncan Road
Lafayette, Indiana 47901
U.S. EPA Project No.: BF-96564001-1

Prepared For:

Mr. E. Dana Smith
Acting Director
Greater Lafayette Community Development Corporation
337 Columbia Street
P.O. Box 348
Lafayette, IN 47902-0348

Prepared By:

IWM Consulting Group, LLC
7428 Rockville Road
Indianapolis, Indiana 46214

August 22, 2008





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Mr. E. Dana Smith
Acting Director
Greater Lafayette Community Development Corporation
337 Columbia St
P. O. Box 348
Lafayette, IN 47902-0348

Re: Initial Assessment Report
26-Acre Vacant Lot Property
2600 Duncan Road
Lafayette, Indiana 47901
Tippecanoe County
U.S. EPA Project No. BF-96564001-1

Dear Mr. Smith:

Industrial Waste Management Consulting Group, LLC (IWM Consulting) is submitting this Initial Assessment Report to the Greater Lafayette Community Development Corporation (GLCDC) in order to summarize the results of the most recent subsurface investigation activities completed at the 26-Acre Vacant Lot Property (Site) in June and July 2008. The United States Environmental Protection Agency (USEPA) awarded Tippecanoe County with a Hazardous Substance Brownfields Assessment Grant in order to cover the cost of the subsurface investigation activities. The original scope of work approved for the site included the following:

- Preparation of a site specific Sampling & Analysis Plan (SAP);
- Preparation of a site specific Health & Safety Plan (HASP);
- Installation of eight (8) soil borings throughout the Property and obtain confirmatory soil and groundwater samples from each boring location; and
- Preparation of an Initial Assessment Report

The following sections of this report will summarize results of the field activities completed and make recommendations regarding future assessment activities. The site and the surrounding topographic features are displayed on Figure 1 – Site Location Map and a detailed site map displaying the location of all pertinent site features has been included as Figure 2.

Quality Assurance Project Plan

In accordance with the GLCDC and USEPA requirements, IWM Consulting submitted a project wide QAPP to the USEPA on March 7, 2008 and subsequently submitted the site specific SAP and HASP on May 16, 2008. The project wide QAPP, site specific SAP, and HASP were conditionally approved on June 4, 2008. All of the field activities were performed in accordance with the applicable standard operating procedures (SOP) provided as part of the project wide QAPP.

Soil Boring Installation

Direct Push Soil Borings

IWM Consulting personnel supervised Earth Exploration, Inc. (EEI) during the installation of two (2) soil borings (GP-1 and GP-3) at the site on June 19, 2008. The soil borings were installed in an effort to determine if hazardous substances and petroleum products historically utilized at the Site and adjacent properties have adversely impacted the subsurface soil and groundwater.

IWM Consulting personnel collected continuous soil samples from both soil borings. The borings were advanced using a track mounted 6620 Geoprobe drilling unit. A four-foot stainless-steel macro sampler was advanced to a depth of approximately 20 feet below land surface (BLS). Refusal was encountered in both soil borings prior to encountering groundwater. Consequently, it was determined in the field that an alternative drilling method was required in order for the soil borings to be advanced to a depth that allowed for collection of groundwater samples. Subsequent discussions with representatives from the GLCDC and the U.S. EPA concluded that the assessment activities would need to be completed utilizing the hollow stem auger (HSA) drilling method.

Soil samples were collected from soil borings GP-1 and GP-3 utilizing the macro sampler lined with an acetate sleeve. IWM Consulting personnel removed the soil from the acetate sleeve while wearing dedicated, disposable, nitrile gloves and placed the soil sample immediately into a sealable plastic bag. The soil placed in the sealable bag was allowed to warm to ambient air temperature and volatile organic hydrocarbon readings were collected from the headspace of the soil sample using a photo-ionization detector (PID) equipped with a 10.6 eV PID bulb. Prior to initiating the subsurface investigation, the PID was field calibrated using a 100 parts per million vapor (ppmv) isobutylene standard solution. Since all of the soil samples had PID readings less than 1 ppmv, the soil sampling interval corresponding to the terminus of each boring (18-20 feet BLS) was selected for laboratory analysis. The volatile soil samples were obtained in general accordance with Indiana's collection method IN-5035M. Non-volatile soil samples were thoroughly mixed, removed from the sealable bag, and then transferred to the laboratory provided sample container by hand while wearing dedicated, disposable nitrile gloves.

The soil samples were delivered under chain-of-custody controls to Pace Analytical Services, Inc. (Pace) located in Indianapolis, Indiana. The soil samples were submitted for analysis of total petroleum hydrocarbons-gasoline range organics (TPH-GRO) and total petroleum hydrocarbons – extended range organics (TPH-ERO) using SW846 Method 8015; volatile organic compounds (VOCs) using SW846 Method 8260, RCRA 8 Metals using the appropriate SW846 Methods, carcinogenic polynuclear aromatic hydrocarbons (cPAHs) using SW846 Method 8270 SIM, and polycyclic biphenols (PCBs) using SW846 Method 8082. The soil samples were also analyzed for moisture content. A duplicate soil sample (GP-1) was submitted for laboratory analysis of the same parameters.

Stiff, moist brown sandy clay was present beneath the site to a depth of two (2) feet BLS and a dense brown clayey medium to coarse sand was present between two (2) feet BLS and ten (10) feet BLS. A brown, dense coarse sand with trace gravel was present between ten (10) feet BLS and twenty (20) feet BLS. Groundwater was not encountered in either soil boring prior to encountering drilling refusal.

All of the excess soil cuttings, trash (acetate liners, nitrile gloves, sample baggies, etc...) were temporarily stored onsite in one labeled Department of Transportation (DOT) certified 55-gallon steel drums.

All of the stainless steel macro samplers were decontaminated between sampling intervals and soil boring locations using a brush and a non-phosphate detergent, per the QAPP Decontamination SOP (SOP #3). The decontamination water was containerized within a DOT certified 55-gallon steel drum. The containerized decontamination water and soil cuttings were subsequently removed from the site by Bee Environmental Management, Inc. on July 24, 2008 and transported to their facility located at 660 Andico Road #E located in Plainfield, IN for disposal. A copy of the Non-Hazardous Waste Manifest is included in Appendix A.

Hollow Stem Auger Soil Borings

IWM Consulting personnel supervised Environmental Field Services (EFS) during the installation of eight (8) soil borings (GP-1 through GP-8) at the site on July 1 and July 2, 2008. The soil borings were installed utilizing the hollow stem auger drilling technique. A Central Mine Equipment Company Model 750 (CME 750®), ATV-mounted unit and a Central Mine Equipment Company Model 55 (CME 55®), truck-mounted unit were utilized to install the soil borings. Soil samples were collected using a split-spoon sampler driven ahead of the hollow stem augers as they were advanced into the subsurface. The blows required to advance the sampler, using a 140-pound hammer, were noted by EFS personnel and conveyed to the onsite IWM Consulting representative. Since soil borings GP-1 and GP-3 were previously advanced and sampled to a depth of 20 feet BLS utilizing the direct push drilling technology, the top twenty (20) feet of soil borings GP-1 and GP-3 were blank drilled when advancing the hollow stem augers.

Soil samples were collected from soil borings GP-1 through GP-8 utilizing the stainless steel split-spoon sampler. IWM Consulting personnel removed the soil from the split spoon while wearing dedicated, disposable, nitrile gloves and placed the soil sample immediately into a sealable plastic bag. The soil placed in the sealable bag was allowed to warm to ambient air temperature and volatile organic hydrocarbon readings were collected from the headspace of the soil sample using a PID equipped with a 10.6 eV PID bulb. Prior to initiating the subsurface investigation, the PID was field calibrated using a 100 parts per million vapor (ppmv) isobutylene standard solution. The soil samples which exhibited the highest elevated PID reading or the soil sample collected from directly above the observed saturated zone (if no elevated PID readings were observed) were then transferred into laboratory provided containers. If elevated PID readings were observed, one additional soil sample was obtained from near the terminus of the soil borings in an effort to define the vertical extent of the adsorbed hydrocarbons. The volatile soil samples were obtained in general accordance with Indiana's collection method IN-5035M. Non-volatile soil samples were thoroughly mixed, removed from the sealable bag, and then transferred to the laboratory provided sample container by hand while wearing dedicated, disposable nitrile gloves.

The soil samples were delivered under chain-of-custody controls to Pace located in Indianapolis, Indiana. The soil samples obtained from all of the soil borings (GP-1 through GP-8) were submitted for analysis of VOCs using SW846 Method 8260 & percent moisture. In addition to the VOC and percent moisture

analyses, soil samples obtained from soil borings GP-1 through GP-5 were analyzed for TPH-GRO and TPH-ERO using SW846 Method 8015, RCRA 8 Metals using the appropriate SW846 Methods, and cPAHs using SW846 Method 8270 SIM. Soil samples from borings GP-1, GP-2, and GP-3 were also analyzed for PCBs using SW846 Method 8082. A matrix spike/matrix spike duplicate soil sample (GP-3) was submitted for laboratory analysis of the same parameters.

Stiff, moist brown sandy clay was present beneath the site in all of the borings, with the exception of GP-8, to depths ranging between four (4) feet BLS (GP-2 and GP-6) and six (6) feet BLS (GP-4 & GP-5). A medium dense to dense brown fine to coarse sand with varying amounts of silt and gravel/cobbles underlies the sandy clay unit to the terminus of the soil borings (maximum depth explored was 46 feet BLS). A stiff, moist gray silty clay unit was encountered in soil borings GP-3 (23-23.5 feet BLS), GP-7 (24-29.5 feet BLS), and GP-8 (24-26.5 feet BLS). A stiff, moist brown silt was encountered in soil borings GP-4 & GP-5 (28.5-29.5 feet BLS) and a stiff, moist brown sandy clay unit underlies the silt unit (between 29.5-32 feet BLS). A medium dense to dense brown fine to coarse sand with varying amounts of silt and gravel/cobbles was encountered in soil boring GP-8 from the surface to the terminus of the soil boring (38 feet BLS). Groundwater was encountered in all of the soil borings at depths ranging between 34 feet BLS (GP-3 and GP-8) and 44 feet BLS (GP-4 and GP-5).

At the conclusion of drilling activities, all of the borings were converted into temporary groundwater monitoring wells in order to obtain one time groundwater samples. Ten-feet of 0.010 slot two-inch diameter poly-vinyl chloride (PVC) screen and varying lengths of PVC riser were placed in all of the boreholes, with the exception of GP-5, which had 20 feet of 0.010 slot PVC screen. The screen interval corresponds with the base of the borehole and extends upward the corresponding screen length. Since the soil borings were converted only into temporary piezometers, the annular space between the screen/casing was not filled with quartz sand or bentonite chips/grout. Following the completion of groundwater sampling activities, a certified well drilling removed the temporary piezometers from the boreholes and permanently abandoned the boreholes with bentonite chips/grout. The borehole was capped at the surface with soil.

All of the stainless steel split spoons were decontaminated between sampling intervals and soil boring locations using a brush and a non-phosphate detergent, per the QAPP Decontamination SOP (SOP #3). All of the hollow stem augers were decontaminated between soil boring locations using a brush, high pressure washer, and non-phosphate detergent, per the QAPP Decontamination SOP (SOP #3). The decontamination water was containerized within two (2) DOT certified 55-gallon steel drums. The containerized decontamination water and soil cuttings (16 total drums generated during the HAS drilling activities) were subsequently removed from the site by Bee Environmental Management, Inc. on July 24, 2008 and transported to their facility located at 660 Andico Road #E located in Plainfield, IN for disposal. A copy of the Non-Hazardous Waste Manifest is included in Appendix A.

The soil boring logs, including a summary of the PID readings, have been included as Appendix B. The soil boring locations are displayed on Figure 2 – Site Map.

Soil Boring Installation - Soil Analytical Results

Soil samples obtained during the installation of soil borings GP-1 through GP-8 were analyzed for VOCs using SW846 Method 8260 & percent moisture. In addition to the VOC and percent moisture analyses, soil samples obtained from soil borings GP-1 through GP-5 were analyzed for TPH-GRO and TPH-ERO using SW846 Method 8015, RCRA 8 Metals using the appropriate SW846 Methods, and cPAHs using SW846 Method 8270 SIM. Soil samples from borings GP-1, GP-2, and GP-3 were also analyzed for

PCBs using SW846 Method 8082. A matrix spike/matrix spike duplicate soil sample (GP-3) was submitted for laboratory analysis of the same parameters.

All of the soil samples obtained from soil borings GP-1 through GP-8 and submitted for laboratory analysis of VOC's had adsorbed constituents of concern (COCs) below the corresponding Risk Integrated System of Closure (RISC) Residential Default Closure Levels (RDCLs) or corresponding laboratory reporting limit. The soil samples obtained from soil borings GP-1 though GP-5 had adsorbed TPH GRO, TPH-ERO, cPAH, and RCRA 8-Metal concentrations less than the corresponding RISC RDCLs or corresponding laboratory reporting limit. Additionally, the soil samples obtained from soil borings GP-1, GP-2, and GP-3 had adsorbed PCB concentrations less than the corresponding RISC RDCLs or corresponding laboratory reporting limit.

A duplicate soil sample (GP-1) was submitted for laboratory analysis of the same parameters. Soil analytical results are summarized on Table 1, Table 2, Table 3, and Table 3 and displayed by location on Figure 3a – Soil Analytical Map (VOCs & TPH) and Figure 3b – Soil Analytical Map (cPAHs, RCRA 8-Metals, & PCBs). A copy of the laboratory analytical report is included in Appendix C.

Temporary Piezometer Well Gauging

All groundwater measurements were recorded using an electronic water meter that alerts the user with a continuous tone when the probe makes contact with the groundwater table. The distance between the top of casing (TOC) riser pipe elevation and the water table was read from the incremented probe line. The TOC risers have been referenced to a common benchmark using transit-stadia surveying techniques. All measurements were recorded to the nearest 0.01 foot.

Soil borings GP-1, GP-2, and GP-8 were converted into temporary piezometers on July 1, 2008 and borings GP-3 and GP-4 through GP-7 were converted into temporary piezometers on July 2, 2008. Depth to groundwater measurements were obtained from GP-1, GP-2, and GP-8 on July 1, 2008 prior to initiating the groundwater sampling activities and in the morning of July 2, 2008. Depth to groundwater measurements were obtained from GP-3 and GP-4 through GP-7 on July 2, 2008 prior to initiating the groundwater sampling activities and in the morning of July 3, 2008. The second gauging event was performed in order to obtain groundwater measurements after the groundwater within the temporary piezometers were allowed to stabilize overnight.

At the time of groundwater sampling activities, groundwater was detected at depths ranging between 34.16 feet BLS in soil boring GP-3 and 43.71 feet BLS in soil boring GP-4. It should be noted that most of the wells had a significant amount of silt/fine sand present in the bottom of the well during well gauging activities. The inferred groundwater flow direction is toward the west/southwest. Groundwater elevation information for the pre-sampling gauging events is summarized on Tables 5 through 8. The groundwater elevation information for the July 2 and July 3, 2008 gauging event (after the temporary wells were allowed to stabilize overnight) and displayed on Figure 4 – Groundwater Elevation Map. No liquid-phase hydrocarbons were detected during the July 2008 gauging event.

Groundwater Analytical Results

Prior to initiating the groundwater sampling activities, it was agreed upon by all parties (representatives from the GLCDC, U.S. EPA, and IMW Consulting) that the groundwater samples at all of the Lafayette USEPA Brownfield sites, including this Site, could be obtained using a dedicated polyethylene bailer instead of the low flow submersible pump.

Upon completion of the temporary piezometer installation activities, representatives from IWM Consulting obtained groundwater samples from the temporary piezometers. The groundwater samples were collected using disposable polyethylene bailers and placed into pre-labeled 40-milliliter (mL) vials, 500-mL plastic jars, and 1-liter amber jars. The groundwater samples were then immediately placed on ice. The groundwater samples transferred to the 40-mL vials were preserved with hydrochloric acid and the groundwater samples transferred to the 500-mL plastic containers were preserved with nitric acid. The groundwater samples transferred to the 1-L ambers jars were unpreserved.

Prior to obtaining the groundwater samples from the temporary piezometers, plastic sheeting was placed around the base of the well in order to minimize the possibility of cross contamination and three well volumes of groundwater were manually purged from the temporary piezometers. The purge water was containerized within a DOT certified 55-gallon steel drum. The containerized purge water was subsequently removed from the site by Bee Environmental Management, Inc. on July 24, 2008 and transported to their facility located at 660 Andico Road #E located in Plainfield, IN for disposal. A copy of the Non-Hazardous Waste Manifest is included in Appendix A.

IWM Consulting personnel initially purged all of the temporary piezometers and then allowed the groundwater to stabilize for approximately 0.5 - 1.0 hour prior to obtaining the groundwater samples. IWM Consulting personnel lowered the bailer slowly into the temporary well when obtaining the groundwater sample in order to minimize agitation to the groundwater column and reduce the amount of turbidity within the groundwater sample. However, it should be noted that the groundwater samples obtained for RCRA 8-Metals, TPH-ERO, cPAHs, and PCBs were very turbid due to the amount of water required to obtain these samples coupled with the fact that the samples were obtained from temporary wells, and not fully constructed monitoring wells. Once the groundwater samples were transferred to the appropriate sample containers, the samples were labeled and immediately placed on ice.

The groundwater samples were delivered under chain-of-custody controls to Pace located in Indianapolis, IN. All groundwater samples (GP-1 through GP-8) were analyzed for VOCs using SW-846 Method 8260. Groundwater samples obtained from GP-1 through GP-5 were also analyzed for TPH-GRO/ERO using SW-846 Method 8015 Modified, cPAHs using SW-846 Method 8270 SIM, and RCRA 8 Metals using the appropriate SW846 Methods. Additionally, groundwater samples obtained from GP-1, GP-2, and GP-3 were analyzed for PCBs using SW-846 Method 8082. A duplicate groundwater sample (GP-3) and matrix spike/matrix spike duplicate sample (equipment blank) were submitted for analyses of the same parameters.

All of the groundwater samples obtained from soil borings GP-1 through GP-8 and submitted for laboratory analysis of VOC's had dissolved COCs below the corresponding RISC RDCLs or corresponding laboratory reporting limit. The groundwater samples obtained from soil borings GP-1 though GP-5 had dissolved TPH GRO, TPH-ERO, & cPAH concentrations less than the corresponding RISC RDCLs or corresponding laboratory reporting limit. Additionally, the groundwater samples obtained from soil borings GP-1, GP-2, and GP-3 had dissolved PCB concentrations less than the corresponding RISC RDCLs or corresponding laboratory reporting limit.

All of the groundwater samples obtained from soil borings GP-1 through GP-8 had arsenic and lead concentrations in excess of the corresponding RISC IDCL. The groundwater samples obtained from GP-4 had chromium & lead concentrations in excess of the corresponding RISC IDCL. The groundwater samples obtained from GP-1, GP-2, and GP-5 had lead concentrations in excess of the corresponding RISC IDCL. Groundwater samples obtained from borings GP-1, GP-4, and GP-5 had cadmium concentrations in excess of the corresponding RISC RDCL and the sample obtained from boring GP-3

had a lead concentration in excess of the corresponding RISC RDCL. The results reported are from unfiltered groundwater samples and are total metal concentrations. All of the remaining metals had concentrations less than the corresponding RISC RDCL or laboratory reporting limit. IWM Consulting personnel noted high turbidity in the metal groundwater samples and the high turbidity may have biased the metal concentrations high.

The groundwater analytical information has been summarized on Table 5, Table 6, Table 7, and Table 8 and is displayed by location on Figure 5A – Groundwater Analytical Map (VOCs & TPH) and Figure 5B – Groundwater Analytical Map (cPAHs, RCRA 8-Metals, and PCBs). A copy of the laboratory analytical report is included in Appendix C.

Quality Assurance/Quality Control

Quality Assurance/Quality Control (QA/QC) procedures are presented in the QAPP, conditionally approved on June 4, 2008. Sampling and analytical activities were generally consistent with the methodologies presented in the QAPP and SAP, and included the collection of appropriate additional field QA/QC samples including trip blanks, equipment blanks, matrix spike and matrix spike duplicates. A full set of field QA/QC samples was collected with each round of soil and groundwater sampling conducted. Appropriate QA/QC samples were collected for both the soil and groundwater at the rate of 1 per every 20 samples. A total of 10 soil samples and 8 groundwater samples were collected during this Phase II investigation.

Project data quality requirements were met during the collection and subsequent analytical review of the field sample information. The requirements included data verification, data validation and data usability assessment.

A full assessment of the data quality is included in the Data Assessment Report provided in Appendix D.

Conclusions

Based on the results of the site assessment activities completed at the Site in July 2008, the following conclusions have been developed:

- The site-specific groundwater flow pattern is west/southwest and static groundwater beneath the site is located at depths ranging between approximately 34.5 feet and 44 feet BLS.
- All of the soil samples submitted for analyses of adsorbed VOCs, TPH-GRO, TPH-ERO, cPAHs, RCRA-8 Metals, and PCBs had concentrations less than the corresponding RISC RDCL or laboratory reporting limit.
- All of the groundwater samples submitted for analyses of dissolved VOCs, TPH-GRO, TPH-ERO, cPAHs, and PCBs had concentrations less than the corresponding RISC RDCL or laboratory reporting limit.
- Unfiltered groundwater samples obtained from borings GP-1 through GP-5 had total arsenic and lead concentrations in excess of the corresponding RISC RDCL. Additionally, groundwater samples obtained from GP-1, GP-4, and GP-5 had total cadmium and chromium concentrations in excess of the corresponding RISC RDCL.

-
- Based on site observations and analytical data obtained at the Site during the July 2008 investigation, subsurface site conditions do not indicate evidence of a hazardous or petroleum release at the Site. Miscellaneous landfill debris was not observed in any of the soil borings during installation activities; although it should be noted that due to above ground restrictions (i.e. trees, brush, & steep slope), IWM Consulting personnel could not install soil borings immediately above the area suspected to be the former private landfill.
 - Total arsenic, lead, cadmium, and chromium concentrations were detected in unfiltered groundwater samples at concentrations in excess of the corresponding RISC RDCL. The groundwater samples were very turbid due to the fact that the samples were obtained from temporary piezometers and had to be collected using dedicated bailers as opposed to a low flow sampling pump. These metals can naturally occur in unconsolidated deposits throughout the Midwestern United States and are not necessarily indicative of a hazardous waste spill/release.
 - Soil and groundwater data obtained around the former clubhouse building and along the southeastern edge of the Site indicate that the subsurface of the Site has not been adversely impacted by the former heating oil AST (reportedly located in the basement of the clubhouse building) or the documented chlorinated solvent release at the former dry cleaning facility (Mechanic's Laundry) located immediately south of the Site. It should be noted that soil borings along the southern property line were installed approximately 50 to 200 feet north of the property line due to onsite restrictions caused by heavy vegetation and tree growth. Therefore, a definitive conclusion can not be made regarding subsurface conditions within this setback area.

Recommendations

Based on the results of the site assessment activities completed at the Site in July 2008, the following recommendations have been developed:

- Since it has been well documented that certain metals naturally occur in the unconsolidated deposits and very turbid (suspended solids & colloids) groundwater samples can bias the metal concentrations high when compared to dissolved (filtered) metal concentrations, IWM Consulting recommends that the GLCDC discuss this site specific data directly with representatives from the IDEM and/or U.S. EPA to determine if additional assessment activities are warranted. Additional assessment activities may include installing one or more properly constructed monitoring wells and subsequent collection of groundwater samples for both total (unfiltered) and dissolved (filtered) RCRA-8 Metal analyses.
- Future site development activities (potentially a Juvenile Justice Center) are expected to include the construction of a commercial building(s), parking lots, and other open areas. Given the fact that the only COCs detected above RISC RDCL were located in the groundwater at a depth greater than 34 feet, site development activities should not be limited due to environmental conditions documented during this subsurface investigation.
- A letter report prepared by Heritage Remediation/Engineering, Inc. in February 1992 indicated that 2-6 feet of construction waste (reportedly consisting of piping, wood, water heaters, and wiring in addition to household wastes such as paper products, bottles, and cans) was left in place at the Site in December 1991. Therefore, consideration and pre-planning should occur regarding the waste material reportedly present at the base of the onsite wooded swale area, especially if any structures will be constructed in this area of the Site. The site developer should consult with

a geotechnical firm in order to determine if the material can be left in place or requires removal prior to construction activities. A copy of the Heritage letter report is included as Appendix E.

Should you have any questions regarding this Initial Assessment Report or require additional information, please contact IWM Consulting at (317) 347-1111.

Sincerely,

IWM CONSULTING GROUP, LLC



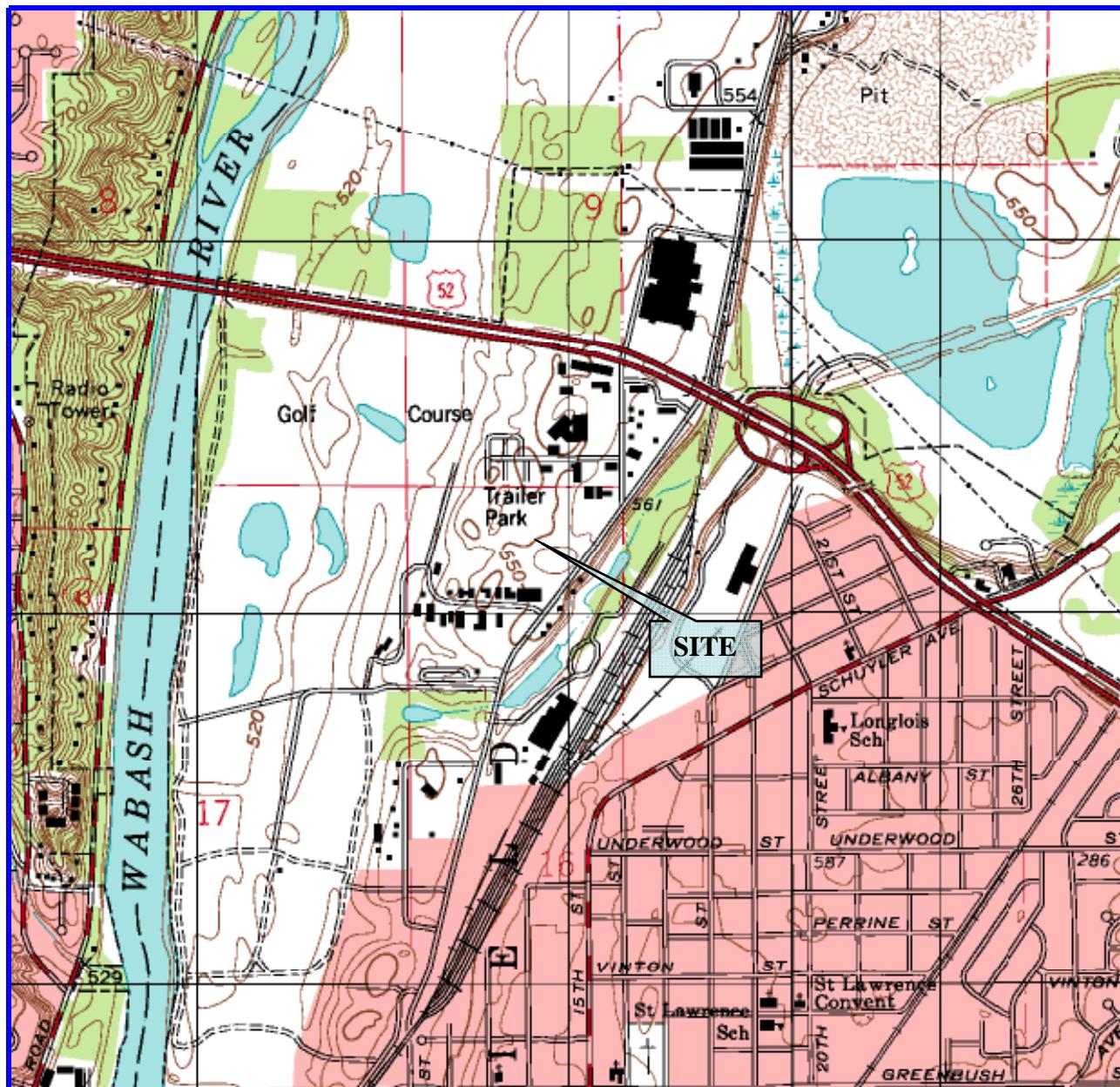
Patrick E. Rohan, CHMM
Project Manager



Bradley E. Gentry, LPG
Senior Project Manager

cc: Jan Pels, U.S. EPA Project Manager
Andrea Robertson, Indiana Brownfield Program

Figures



LAFAYETTE WEST, IND.

QUADRANGLE

LAFAYETTE-INDIANA

7.5 MINUTE SERIES
(TOPOGRAPHIC)



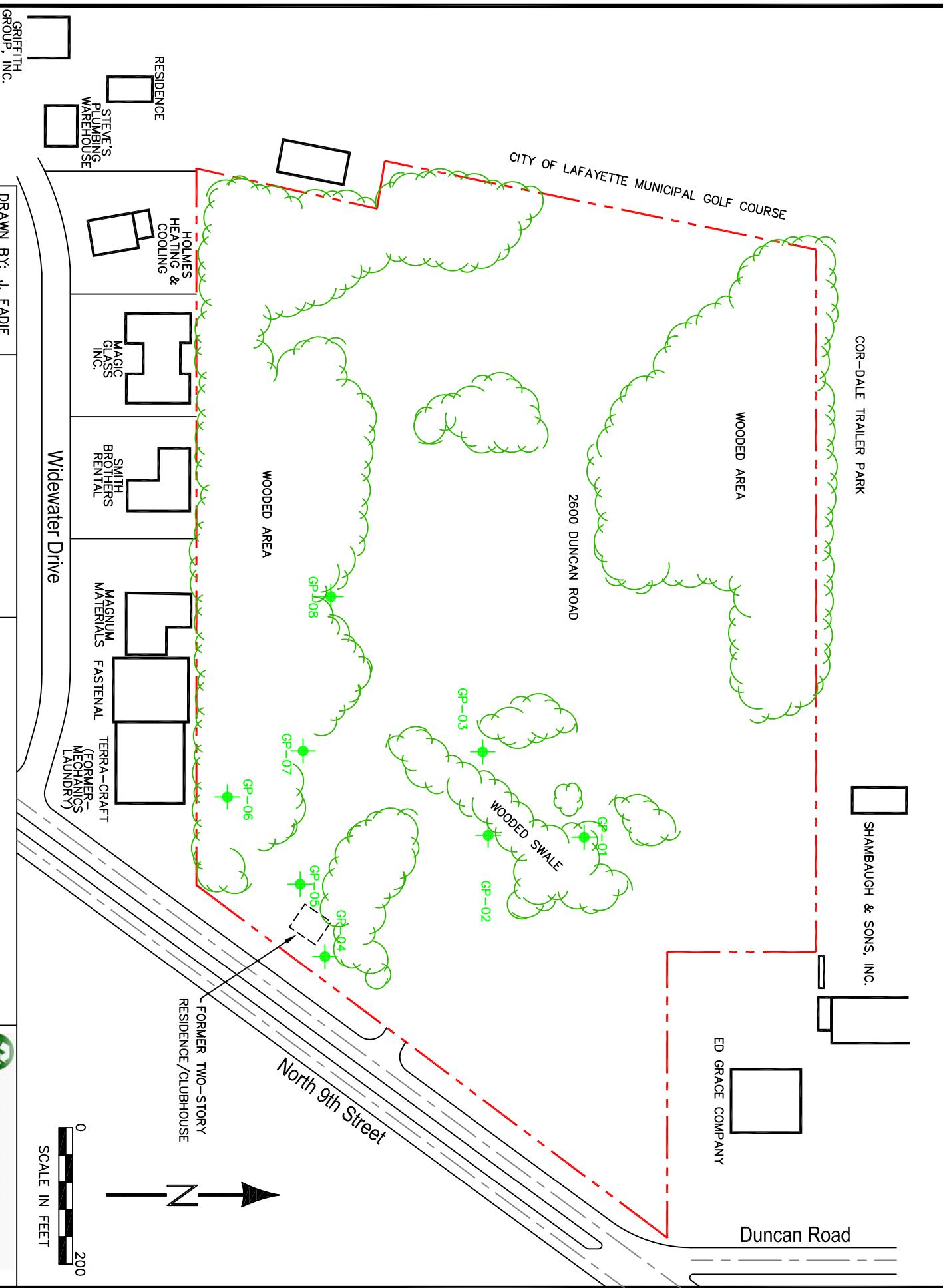
QUADRANGLE LOCATION

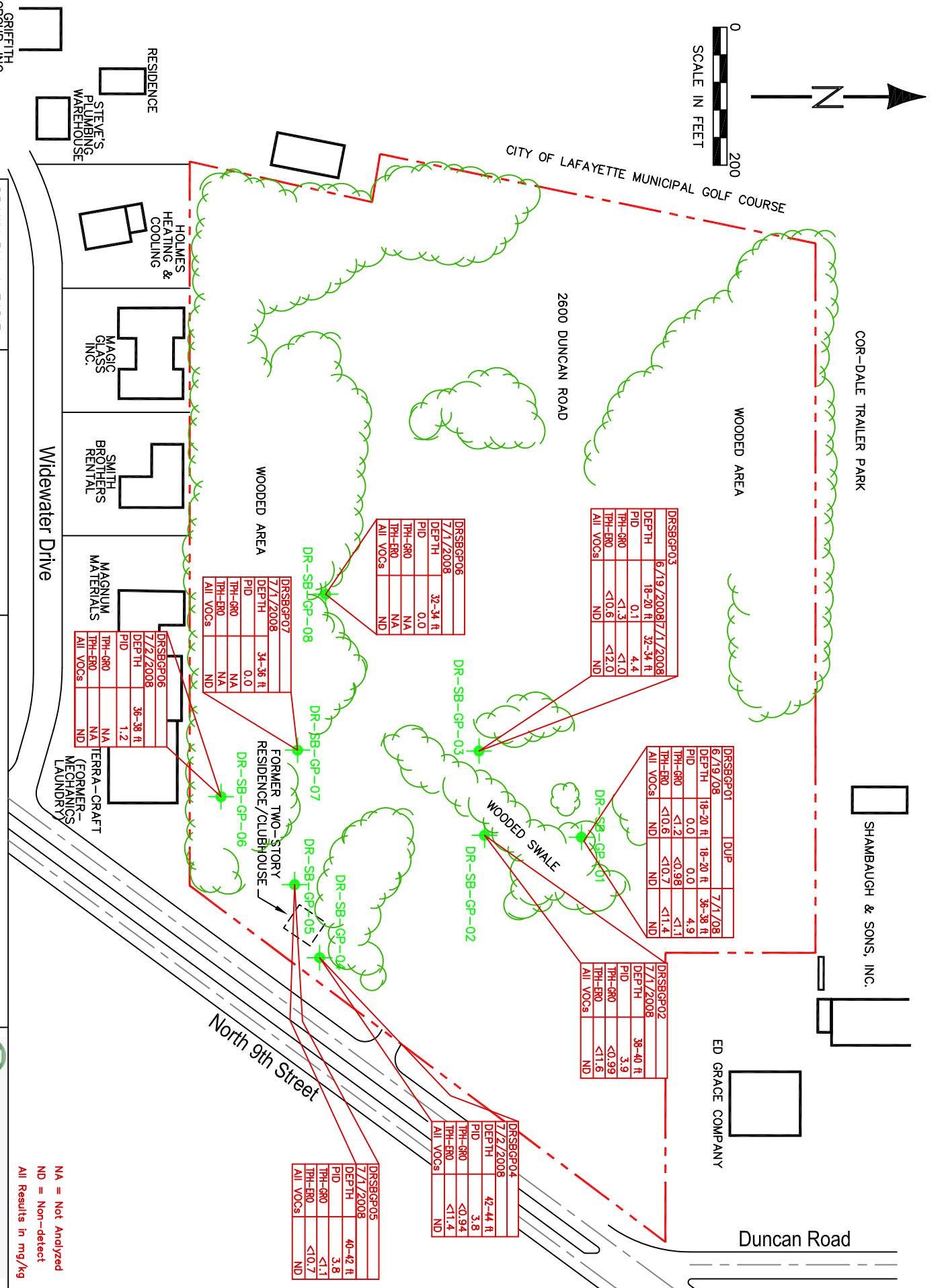


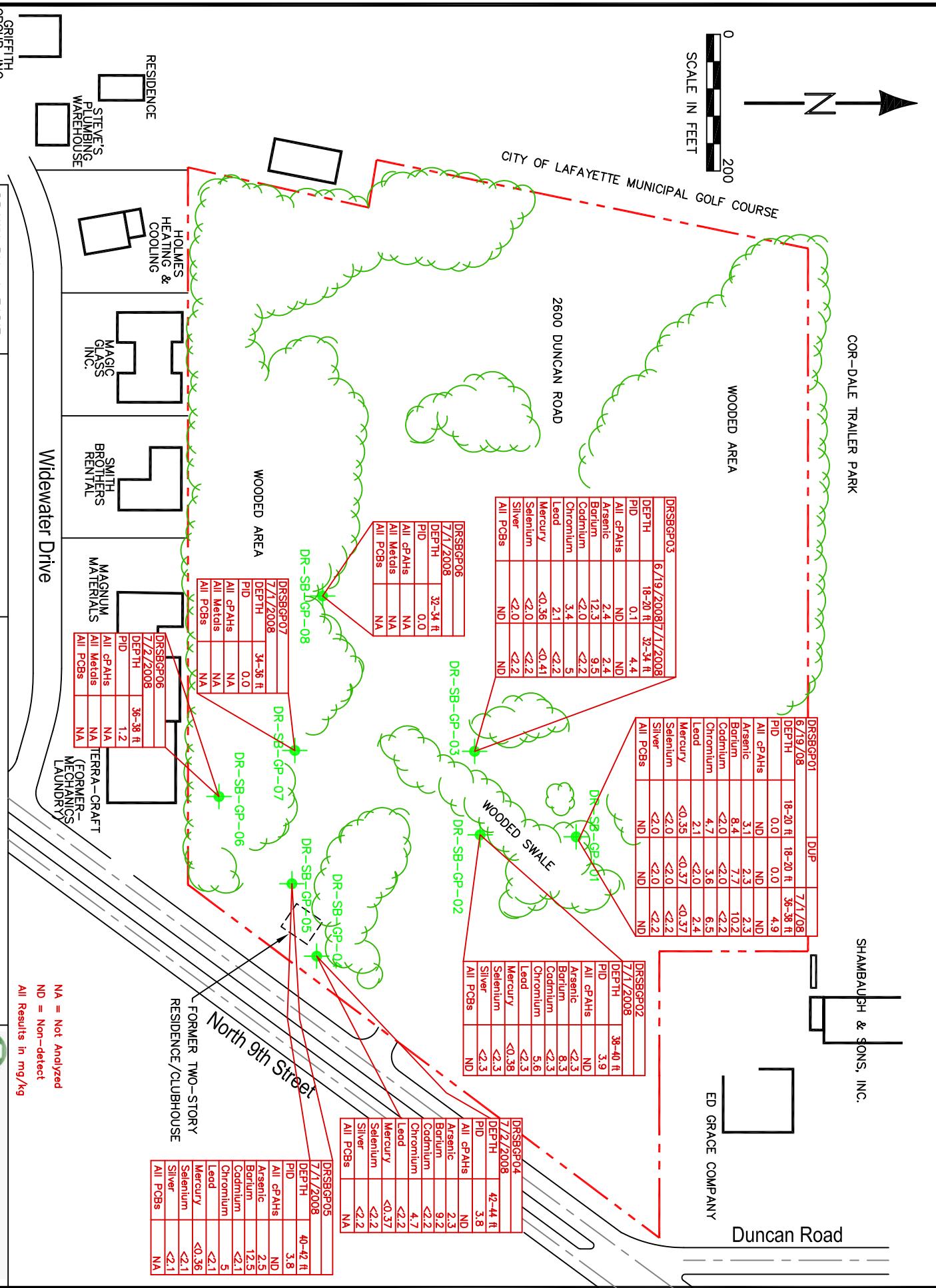
Initial Assessment Report
Vacant Property
2600 Duncan Road
Lafayette, IN

Figure 1 Site Location Map





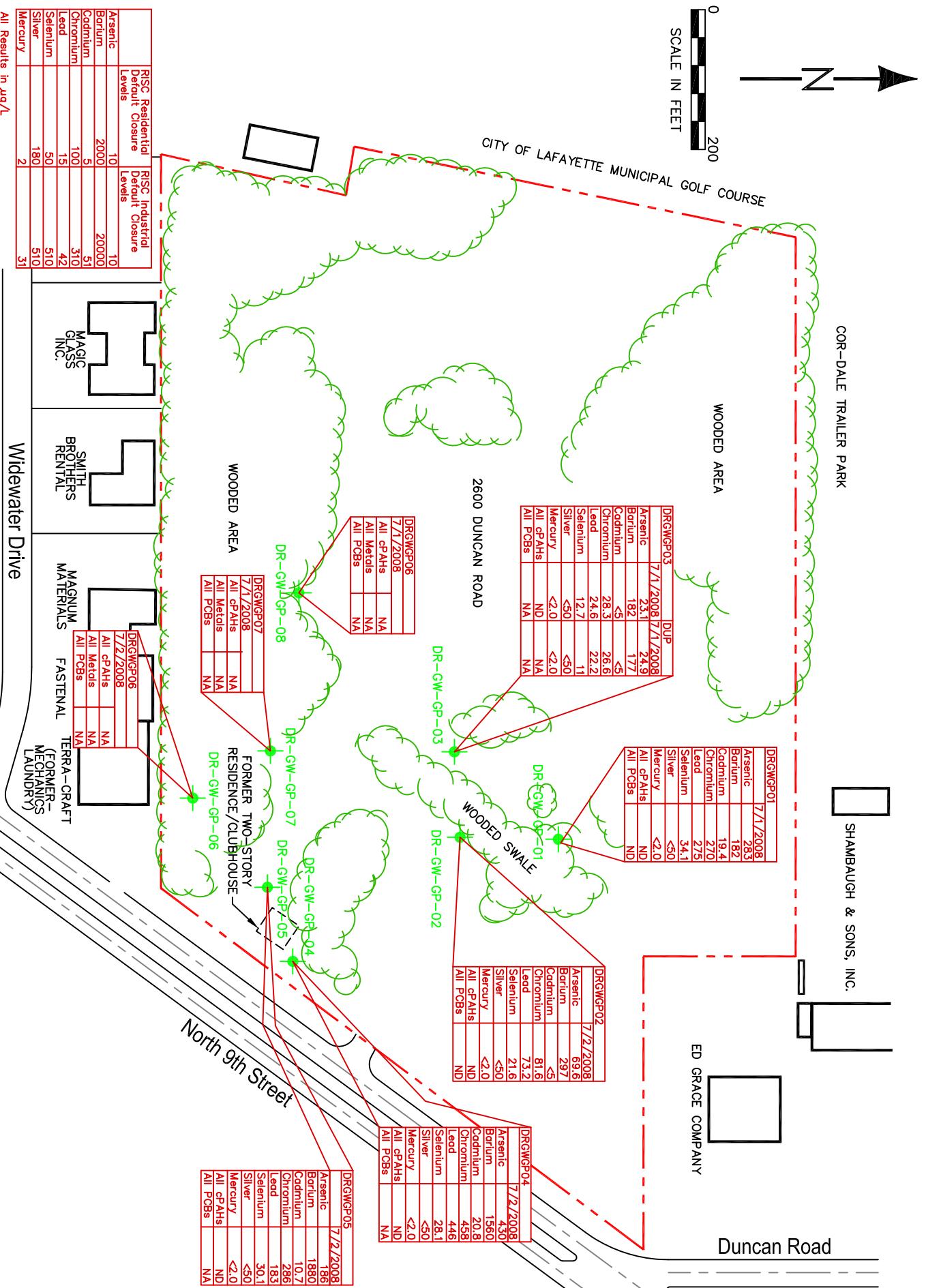




GRIFFITH, INC.

WWM CONSULTING GROUP

26.0 ACRE VACANT PARCEL
2600 DUNCAN ROAD
LAFAYETTE, INDIANA



DRAWN BY: J. EADIE	FIGURE 5B GROUNDWATER ANALYTICAL MAP
DATE: 8/6/08	26.0 ACRE VACANT PARCEL
REVISED:	2600 DUNCAN ROAD
IN.LAF.GLOC.2600Duncan.02	LAFAYETTE, INDIANA

DWG: DuncanRdgWA1b.dwg

Tables

Table 1
Soil Analytical Results - Soil Borings
Complete VOC Analysis Summary
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Sample Identification	DRSBGP01	Duplicate (DRSBGP01)	DRSBGP01	DRSBGP02	DRSBGP03	DRSBGP03	DRSBGP04	DRSBGP05	DRSBGP06	DRSBGP07	DRSBGP08	RISC Residential Default Closure Level (mg/kg)	RISC Industrial Default Closure Level (mg/kg)
Sample Depth (Feet BLS)	18-20	18-20	36-38	38-40	18-20	32-34	42-44	40-42	36-38	34-36	32-34		
Sample Date	6/19/2008	6/19/2008	7/1/2008	7/1/2008	6/19/2008	7/1/2008	7/2/2008	7/2/2008	7/2/2008	7/1/2008	7/1/2008		
Acetone	<0.100	<0.0858	<0.0925	<0.110	<0.118	<0.107	<0.0944	<0.098	<0.0867	<0.0912	<0.0948	28	370
Acrolein	<0.100*	<0.0858*	<0.0925*	<0.110*	<0.118*	<0.107*	<0.0944*	<0.098*	<0.0867*	<0.0912*	<0.0948*	0.00027	0.25
Acrylonitrile	<0.100	<0.0858	<0.0925	<0.110	<0.118	<0.107	<0.0944	<0.098	<0.0867	<0.0912	<0.0948		
Benzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.034	0.35
Bromobenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
Bromoform	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
Bromoform	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.6	2.7
Bromoform	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
n-Butanol	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	16	44
2-Butanone (MEK)	<0.025	<0.0215	<0.0231	<0.0276	<0.0294	<0.0267	<0.0236	<0.0245	<0.0217	<0.0228	<0.0237	35	250
n-Butylbenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
sec-Butylbenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
tert-Butylbenzene	<0.010	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
Carbon Disulfide	<0.005	<0.0043	<0.0092	<0.011	<0.0118	<0.0107	<0.0094	<0.0098	<0.0087	<0.0091	<0.0095	10	82
Carbon Tetrachloride	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.066	0.29
Chlorobenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	1.3	27
Chloroethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
2-Chloroethylvinylether	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
Chloroform	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.47	4.7
Chloromethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
2-Chlorotoluene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
4-Chlorotoluene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
1,2-Dib & 1,3-Dibromo-3-chloropropane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
Dibromochloromethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
1,2-Dibromoethane (EDB)	<0.005*	<0.0043*	<0.0046*	<0.0055*	<0.0059*	<0.0053*	<0.0047*	<0.0049*	<0.0043*	<0.0046*	<0.0047*	0.00034	0.0096
Dibromoethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
1,2-Dichlorobenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	17	220
1,3-Dichlorobenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	2.3	8.9
1,4-Dichlorobenzene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	2.2	3.4
trans-1,4-Dichloro-2-butene	<0.100	<0.0858	<0.0925	<0.110	<0.118	<0.107	<0.0944	<0.098	<0.0867	<0.0912	<0.0948		
Dichlorodifluoromethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
1,1-Dichloroethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	5.6	58
1,2-Dichloroethane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.024	0.15
1,1-Dichloroethene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.058	42
cis-1,2-Dichloroethene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.4	5.8
trans-1,2-Dichloroethene	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.68	14
1,2-Dichloropropane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047	0.03	0.25
1,3-Dichloropropane	<0.005	<0.0043	<0.0046	<0.0055	<0.0059	<0.0053	<0.0047	<0.0049	<0.0043	<0.0046	<0.0047		
2,2-Dichloropropane	<0.005												

Table 2
Soil Analytical Results - Soil Borings
TPH and cPAHs
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Soil Sample Identification	Date	Depth (feet BLS)	PID (ppmv)	TPH-GRO (mg/kg)	TPH-ERO (mg/kg)	Benzo(a)anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)anthracene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Naphthalene (mg/kg)
DRSBGP01 Duplicate	6/19/2008	18-20 (DRSBGPFD)	0.0	<1.2 <0.98	<10.6 <10.7	<0.0265 <0.0267	<0.0265 <0.0267	<0.0265 <0.0267	<0.0265 <0.0267	<0.0265 <0.0267	<0.0265 <0.0267	<0.0265 <0.0267	<0.0265 <0.0267
DRSBGP01	7/1/2008	36-38	4.9	<1.1	<11.4	<0.0285	<0.0285	<0.0285	<0.0285	<0.0285	<0.0285	<0.0285	<0.0285
DRSBGP02	7/1/2008	38-40	3.9	<0.99	<11.6	<0.0291	<0.0291	<0.0291	<0.0291	<0.0291	<0.0291	<0.0291	<0.0291
DRSBGP03	6/19/2008	18-20	0.1	<1.3	<10.6	<0.0264	<0.0264	<0.0264	<0.0264	<0.0264	<0.0264	<0.0264	<0.0264
DRSBGP03	7/1/2008	32-34	4.4	<1.0	<12.0	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299	<0.0299
DRSBGP04	7/2/2008	42-44	3.8	<0.94	<11.4	<0.0284	<0.0284	<0.0284	<0.0284	<0.0284	<0.0284	<0.0284	<0.0284
DRSBGP05	7/1/2008	40-42	3.8	<1.1	<10.7	<0.0267	<0.0267	<0.0267	<0.0267	<0.0267	<0.0267	<0.0267	<0.0267
DRSBGP06	7/2/2008	36-38	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRSBGP07	7/2/2008	34-36	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRSBGP08	7/1/2008	32-34	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RISC Residential Default Closure Levels			25	80	5.000	0.500	5.000	50.000	500.000	0.500	5.000	0.700	
RISC Industrial Default Closure Levels			330	1,000	15.000	1.500	15.000	150.000	1500.000	1.500	15.000	170.000	

Notes:

All soil samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.

BLS: Below land surface.

TPH-ERO: Total petroleum hydrocarbons - Extended range organics.

TPH-GRO: Total petroleum hydrocarbons - Gasoline range organics.

TPH-ERO and GRO were analyzed using US EPA 846 Method 8015

cPAHs: Carcinogenic Polynuclear Aromatic Hydrocarbons

cPAHs and naphthalene were analyzed using US EPA Method 8270 SIM

All soil samples were analyzed on a dry weight basis.

ppmv: Parts per million vapor.

NA - Not Analyzed.

Table 3
Soil Analytical Results - Soil Borings
RCRA 8 Metals
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Soil Sample Identification	Date	Depth (feet BLS)	PID (ppmv)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
DRSBGP01 Duplicate	6/19/2008	18-20 (DRSBGPFD)	0.0	3.1	8.4	<2.0	4.7	2.1	<0.35	<2.0	<2.0
				2.3	7.7	<2.0	3.6	<2.0	<0.37	<2.0	<2.0
DRSBGP01	7/1/2008	36-38	4.9	2.3	10.2	<2.2	6.5	2.4	<0.37	<2.2	<2.2
DRSBGP02	7/1/2008	38-40	3.9	<2.3	8.3	<2.3	5.6	<2.3	<0.38	<2.3	<2.3
DRSBGP03	6/19/2008	18-20	0.1	2.4	12.3	<2.0	3.4	2.1	<0.36	<2.0	<2.0
DRSBGP03	7/1/2008	32-34	4.4	2.4	9.5	<2.2	5.0	<2.2	<0.41	<2.2	<2.2
DRSBGP04	7/2/2008	42-44	3.8	2.3	9.2	<2.2	4.7	<2.2	<0.37	<2.2	<2.2
DRSBGP05	7/1/2008	40-42	3.8	2.5	12.5	<2.1	5.0	<2.1	<0.36	<2.1	<2.1
RISC Residential Default Closure Levels			3.900	1,600	7,500	38,000	81	2,100	5,200	31,000	
RISC Industrial Default Closure Levels			5,800	10,000	77,000	120,000	230	32,000	53,000	87,000	

Notes:

All soil samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.

Soil samples analyzed using US EPA Methods 7471 and 6010B.

PID: Photoionization detector.

BLS - Below Land Surface.

All soil samples were analyzed on a dry weight basis.

ppmv: Parts per million vapor.

Table 4
Soil Analytical Results - Soil Borings
PCBs
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Soil Sample Identification	Date	Depth (feet BLS)	PID (ppmv)	Aroclor 1016 (mg/kg)	Aroclor 1221 (mg/kg)	Aroclor 1232 (mg/kg)	Aroclor 1242 (mg/kg)	Aroclor 1248 (mg/kg)	Aroclor 1254 (mg/kg)	Aroclor 1260 (mg/kg)
DRSBGP01 Duplicate	6/19/2008	18-20 (DRSBGPFD)	0.0	<0.0372 <0.0374						
DRSBGP01	7/1/2008	36-38	4.9	<0.0399	<0.0399	<0.0399	<0.0399	<0.0399	<0.0399	<0.0399
DRSBGP02	7/1/2008	38-40	3.9	<0.0408	<0.0408	<0.0408	<0.0408	<0.0408	<0.0408	<0.0408
DRSBGP03	6/19/2008	18-20	0.1	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037	<0.037
DRSBGP03	7/1/2008	32-34	4.4	<0.0419	<0.0419	<0.0419	<0.0419	<0.0419	<0.0419	<0.0419
RISC Residential Default Closure Levels		Total PCBs - 1.8								
RISC Industrial Default Closure Levels		Total PCBs - 5.3								

Notes:

All soil samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.

Soil samples analyzed using US EPA Method 8082.

PID: Photoionization detector.

BLS: Below land surface.

All soil samples were analyzed on a dry weight basis.

ppmv: Parts per million vapor.

Table 5
Groundwater Analytical Results - Soil Borings
Complete VOC Analysis Summary
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Sample Identification	DRGWGP01	DRGWGP02	DRGWGP03	Duplicate (DRGWFD)	DRGWGP04	DRGWGP05	DRGWGP06	DRGWGP07	DRGWGP08	RISC Residential Default Closure Level ($\mu\text{g/L}$)	RISC Industrial Default Closure Level ($\mu\text{g/L}$)
Top of Casing (feet)	102.78	104.82	99.21		109.11	107.80	104.84	101.99	99.42		
Depth to Water (feet)	37.54	39.65	34.16		43.71	42.6	39.72	37	34.7		
Groundwater Elevation (feet)	65.24	65.17	65.05		65.4	65.2	65.12	64.99	64.72		
Sample Date	7/1/2008	7/2/2008	7/1/2008	7/1/2008	7/2/2008	7/2/2008	7/2/2008	7/2/2008	7/1/2008		
Acetone	<100	<100	<100	<100	<100	<100	<100	<100	<100	6900	92000
Acrolein	<100**	<100**	<100**	<100**	<100**	<100**	<100**	<100**	<100**	0.055	51
Acrylonitrile	<100	<100	<100	<100	<100	<100	<100	<100	<100		
Benzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	52
Bromobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Bromoform	<5	<5	<5	<5	<5	<5	<5	<5	<5	80	360
Bromomethane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
n-Butanol	<5	<5	<5	<5	<5	<5	<5	<5	<5	3600	10000
2-Butanone (MEK)	<25	<25	<25	<25	<25	<25	<25	<25	<25		
n-Butylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
sec-Butylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
tert-Butylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Carbon Disulfide	<10	<10	<10	<10	<10	<10	<10	<10	<10	1300	10000
Carbon Tetrachloride	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	22
Chlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	100	2000
Chloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	62	990
2-Chloroethylvinylether	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Chloroform	<5	<5	<5	<5	<5	<5	<5	<5	<5	80	1000
Chloromethane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
2-Chlorotoluene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
4-Chlorotoluene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
1,2-Dibromo-3-chloropropane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Dibromochloromethane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
1,2-Dibromoethane (EDB)	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.05	1
Dibromoethane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
1,2-Dichlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	600	9200
1,3-Dichlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	80	310
1,4-Dichlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	75	120
trans-1,4-Dichloro-2-butene	<100	<100	<100	<100	<100	<100	<100	<100	<100		
Dichlorodifluoromethane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
1,1-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	990	10000
1,2-Dichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	31
1,1-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	7	5100
cis-1,2-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	70	1000
trans-1,2-Dichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	100	2000
1,2-Dichloropropane	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	42
1,3-Dichloropropane	<5	<5	<5	<5	<5	<5	<5	<5	<5	6	29
2,2-Dichloropropane	<5	<5	<5	<5	<5	<5	<5	<5	<5		
1,1-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Ethylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	700	10000
Ethyl methacrylate	<100	<100	<100	<100	<100	<100	<100	<100	<100		
Hexachloro-1,3-butadiene	<5	<5	<5	<5	<5	<5	<5	<5	<5	11	31
n-Hexane	<5	<5	<5	<5	<5	<5	<5	<5	<5	540	9500
2-Hexanone	<25	<25	<25	<25	<25	<25	<25	<25	<25		
Iodomethane	<10	<10	<10	<10	<10	<10	<10	<10	<10		
Isopropylbenzene (cumene)	<5	<5	<5	<5	<5	<5	<5	<5	<5	830	10000
p-Isopropyltoluene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
Methylene chloride	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	380
4-Methyl-2-pentanone (MIBK)	<25	<25	<25	<25	<25	<25	<25	<25	<25	2200	8200
Methyl-tertiary-butyl ether	<4	<4	<4	<4	<4	<4	<4	<4	<4	40	720
Naphthalene	<5	<5	<5	<5	<5	<5	<5	<5	<5	8	2000
n-Propylbenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	310	4100
Styrene	<5	<5	<5	<5	<5	<5	<5	<5	<5	100	20000
1,1,1,2-Tetrachloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	7	110
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	1	14
Tetrachloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	50
Toluene	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000	8200
1,2,3-Trichlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5		
1,2,4-Trichlorobenzene	<5	<5	<5	<5	<5	<5	<5	<5	<5	70	1000
1,1,1-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	200	29000
1,1,2-Trichloroethane	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	50
Trichloroethene	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	7
Trichlorofluoromethane	<5	<5	<5	<5</							

Table 6
Groundwater Analytical Results - Soil Borings
TPH & cPAHs
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Sample Identification	Date	Top of Casing (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	TPH-GRO (µg/L)	TPH-ERO (µg/L)	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(b)fluoranthene (µg/L)	Benzo(k)fluoranthene (µg/L)	Chrysene (µg/L)	Dibenzo(a,h)anthracene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)	Naphthalene (µg/L)
DRGWGP01	7/1/2008	102.78	37.54	65.24	<200	<100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<1.0
DRGWGP02	7/2/2008	104.82	39.65	65.17	<200	<100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<1.0
DRGWGP03	7/1/2008	99.21	34.16	65.05	<200	<100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<1.0
Duplicate (DRGWFD)					<200	<100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<1.0
DRGWGP04	7/2/2008	109.11	43.71	65.40	<200	<100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<1.0
DRGWGP05	7/2/2008	107.80	42.60	65.20	<200	<100	<0.10	<0.10	<0.10	<0.10	<0.50	<0.10	<0.10	<1.0
DRGWGP06	7/2/2008	104.84	39.72	65.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRGWGP07	7/2/2008	101.99	37.00	64.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DRGWGP08	7/2/2008	99.42	34.70	64.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RISC Residential Default Closure Levels					220	100	1.2	0.2	1.2	0.8	1.6	0.12	0.022	8.3
RISC Industrial Default Closure Levels					3,000	1,100	3.9	0.39	1.5	0.8	1.6	0.39	0.022	2,000

All samples collected by IWM personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.

TPH-ERO: Total petroleum hydrocarbons - Extended range organics.

TPH-GRO: Total petroleum hydrocarbons - Gasoline range organics.

TPH-ERO and GRO were analyzed using US EPA 846 Methods 5030 and 8015

cPAHs: Carcinogenic Polynuclear Aromatic Hydrocarbons

cPAHs and naphthalene were analyzed using US EPA Method 8270 SIM.

TPH-ERO: Total petroleum hydrocarbons - Extended range organics.

NA: Not analyzed

Table 7
Groundwater Analytical Results - Soil Borings
RCRA 8 Metals
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Sample Identification	Date	Top of Casing (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Arsenic ($\mu\text{g}/\text{L}$)	Barium ($\mu\text{g}/\text{L}$)	Cadmium ($\mu\text{g}/\text{L}$)	Chromium ($\mu\text{g}/\text{L}$)	Lead ($\mu\text{g}/\text{L}$)	Selenium ($\mu\text{g}/\text{L}$)	Silver ($\mu\text{g}/\text{L}$)	Mercury ($\mu\text{g}/\text{L}$)
DRGWGP01	7/1/2008	102.78	37.61	65.17	283	850	19.4	270	275	34.1	<50	<2.0
DRGWGP02	7/2/2008	104.82	39.65	65.17	69.6	297	<5	81.6	73.2	21.6	<50	<2.0
DRGWGP03	7/1/2008	99.21	34.23	64.98	23.1	182	<5	28.3	24.6	12.7	<50	<2.0
Duplicate (DRGWFD)					24.9	177	<5	26.6	22.2	11	<50	<2.0
DRGWGP04	7/2/2008	109.11	43.71	65.40	430	1560	20.8	458	446	28.1	<50	<2.0
DRGWGP05	7/2/2008	107.80	42.54	65.26	186	1880	10.7	286	183	30.1	<50	<2.0
RISC Residential Default Closure Levels (mg/kg)					10	2000	5	100	15	50	180	2
RISC Industrial Default Closure Levels (mg/kg)					10	20000	51	310	42	510	510	31

Notes:

Shaded concentrations exceed RISC Residential Default Closure Levels.

Bolded and italicized concentrations exceed RISC Industrial Default Closure Levels.

All soil samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.

Soil samples analyzed using US EPA Methods 7471 and 6010B.

Table 8
Groundwater Analytical Results - Soil Borings
PCBs
26 Acre Vacant Lot
2600 Duncan Road
Lafayette, Indiana

Sample Identification	Date	Top of Casing (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Aroclor 1016 (mg/L)	Aroclor 1221 (mg/L)	Aroclor 1232 (mg/L)	Aroclor 1242 (mg/L)	Aroclor 1248 (mg/L)	Aroclor 1254 (mg/L)	Aroclor 1260 (mg/L)
DRSBGP01	7/1/2008	102.78	37.61	65.17	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
DRSBGP02	7/2/2008	104.82	39.65	65.17	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
DRSBGP03	7/2/2008	99.21	34.23	64.98	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51
Duplicate	(DRGW/FD)				<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
RISC Residential Default Closure Levels (mg/kg)					Total PCBs - 0.0005						
RISC Industrial Default Closure Levels (mg/kg)					Total PCBs - 0.0014						

All soil samples collected by IWM Consulting personnel and analyzed at Pace Analytical located in Indianapolis, Indiana.

PCBs: Polychlorinated biphenols

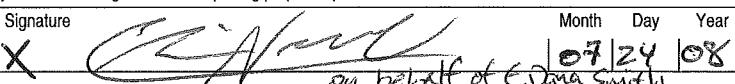
Soil samples analyzed using US EPA Method 8082.

All soil samples were analyzed on a dry weight basis.

Appendices

Appendix A
Non-Hazardous Waste Manifest



NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number INCESQG	2. Page 1 of	3. Emergency Response Phone 800-233-7233	4. Waste Tracking Number	
5. Generator's Name and Mailing Address IWM Consulting Group, LLC 7428 Rockville Road Indianapolis, IN 46214 Generator's Phone: 317-958-9257		Generator's Site Address (if different than mailing address) 2600 Duncan Rd Lafayette IN,				
6. Transporter 1 Company Name Bee Environmental Mgmt., Inc		U.S. EPA ID Number INR000102756				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address Bee Environmental Management, Inc. 650 Ardinco Road #E Plainfield, IN 46168 Facility's Phone: 317-839-9323		U.S. EPA ID Number INR000102755				
GENERATOR	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type				
	1. Decon/Purge Water (Not DOT or RCRA Regulated)	003	DM	300	#	
	2. Soil Cuttings and Trash (Not DOT or RCRA Regulated)	017	DM	8,500	#	
	3.					
4.						
13. Special Handling Instructions and Additional Information						
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Offeror's Printed/Typed Name X Chris Newell		Signature 		Month Day Year 07 24 08		
15. International Shipments <input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: on behalf of C. Dana Smith Date leaving U.S.: LWDC director		
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Scott Messick		Signature 		Month Day Year 07 24 08		
Transporter 2 Printed/Typed Name		Signature				
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity		<input type="checkbox"/> Type		<input type="checkbox"/> Residue		<input type="checkbox"/> Partial Rejection
						<input type="checkbox"/> Full Rejection
Manifest Reference Number:						
17b. Alternate Facility (or Generator)		U.S. EPA ID Number				
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name JANET Brown		Signature 		Month Day Year 07 25 08		

Appendix B
Soil Boring Logs



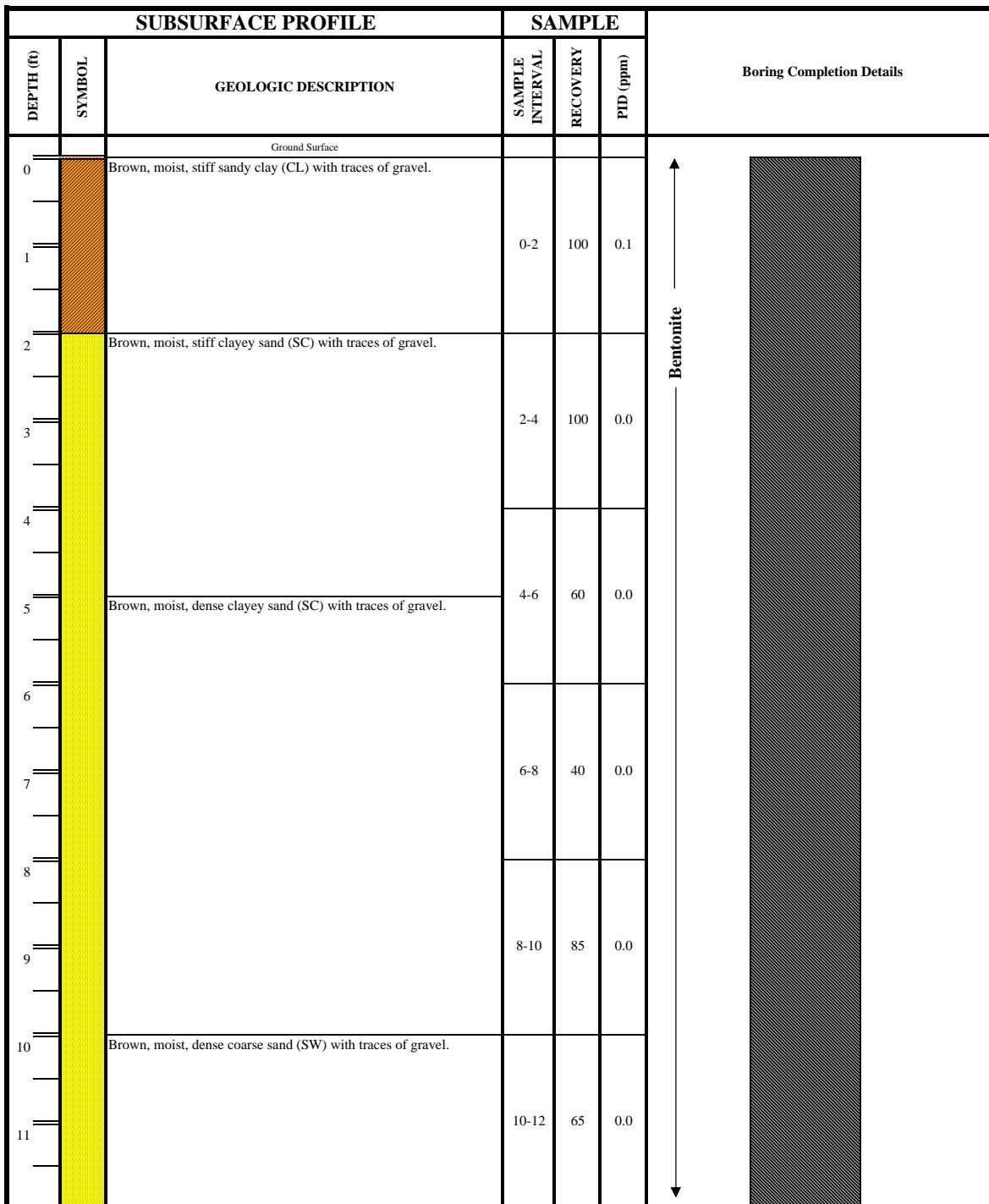


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-01

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: June 19, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 20 feet

Casing Length: NA

Screen Length: NA

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: NA

Sampling Method: Direct Push - Geoprobe

Drill Method: Direct Push - Geoprobe

Drilled By: Earth Exploration Services

Geologist: Christopher Newell

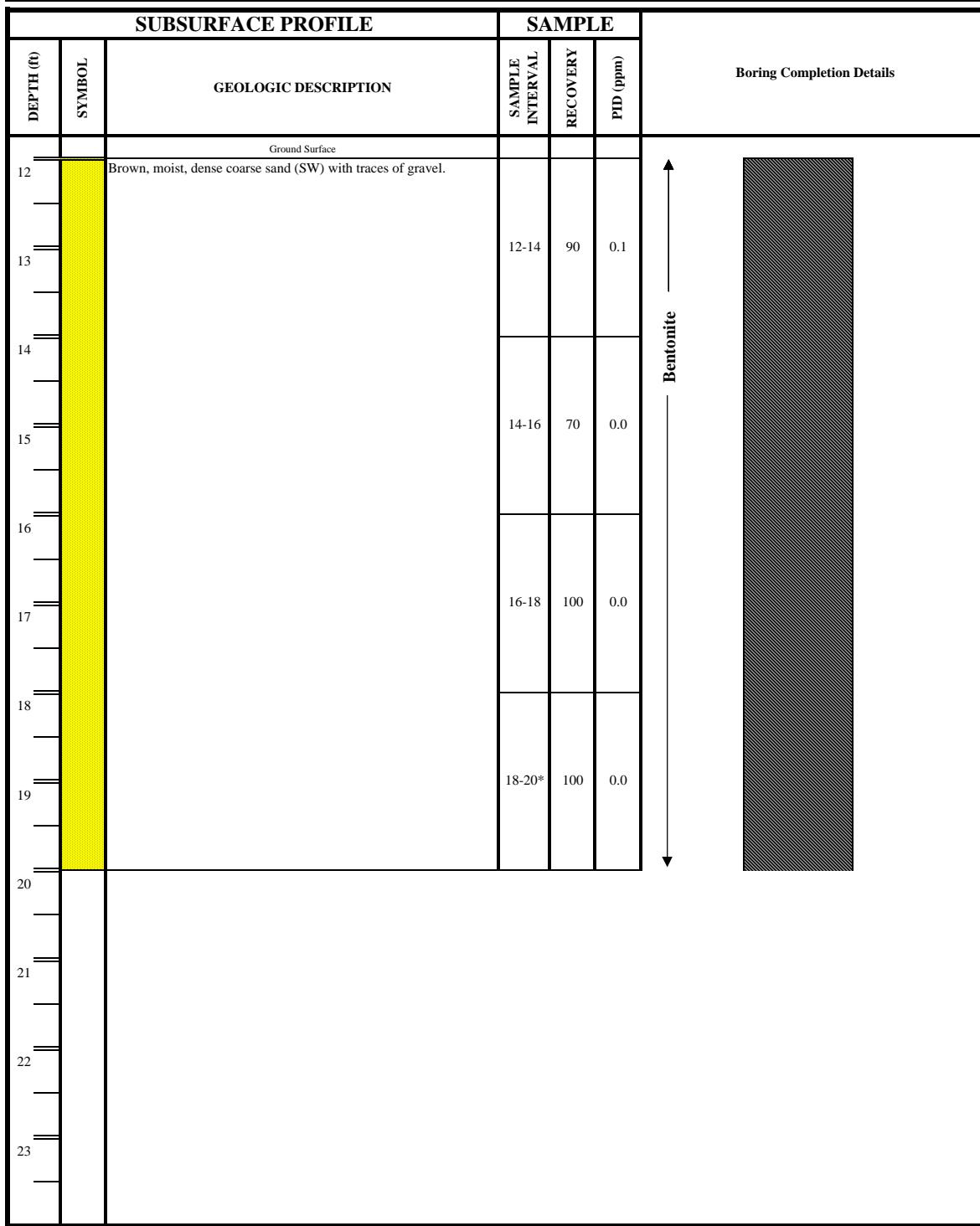


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-01

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: June 19, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 20 feet

Casing Length: NA

Screen Length: NA

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: NA

Sampling Method: Direct Push - Geoprobe

Drill Method: Direct Push - Geoprobe

Drilled By: Earth Exploration Services

Geologist: Christopher Newell

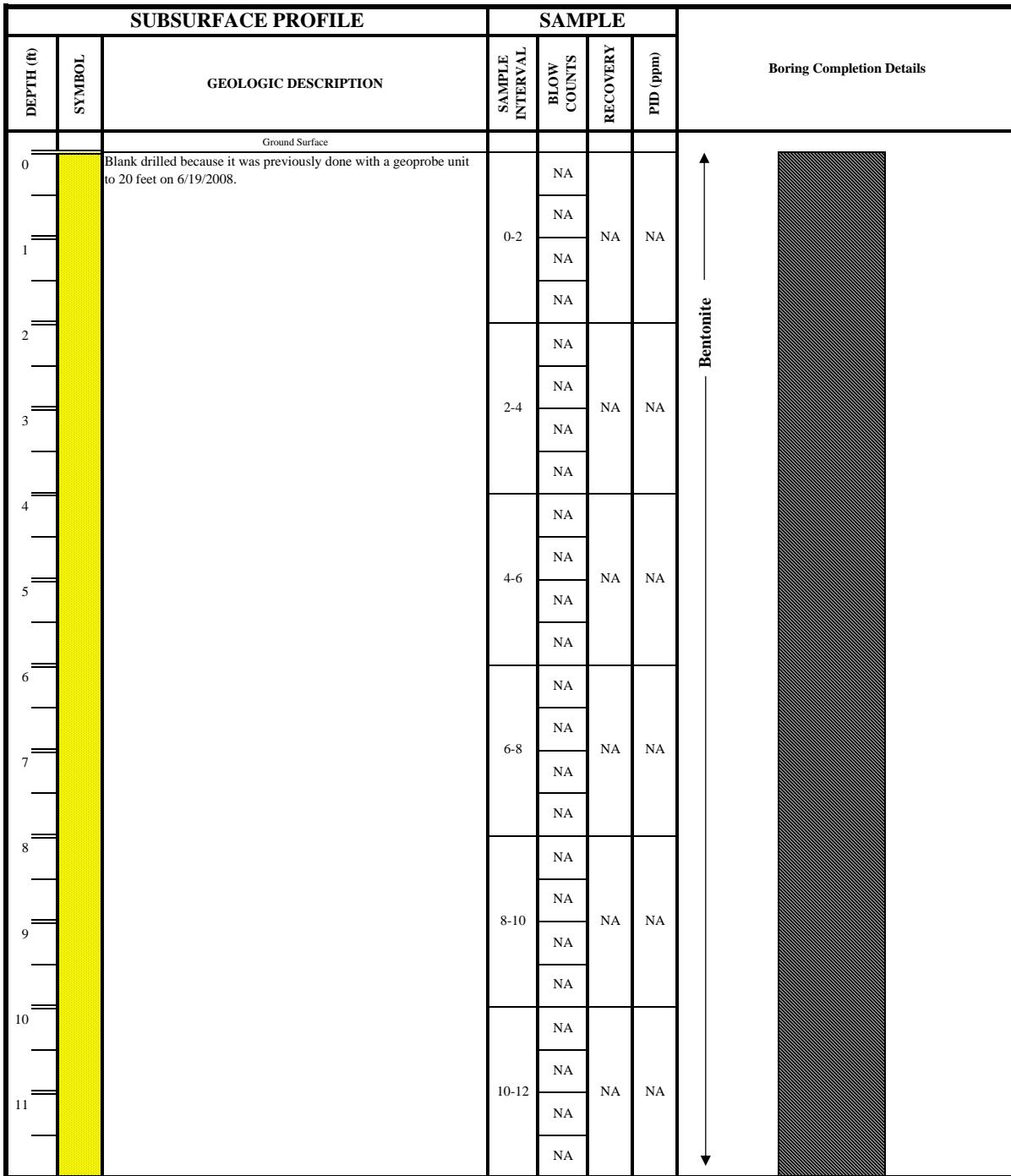


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-01

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

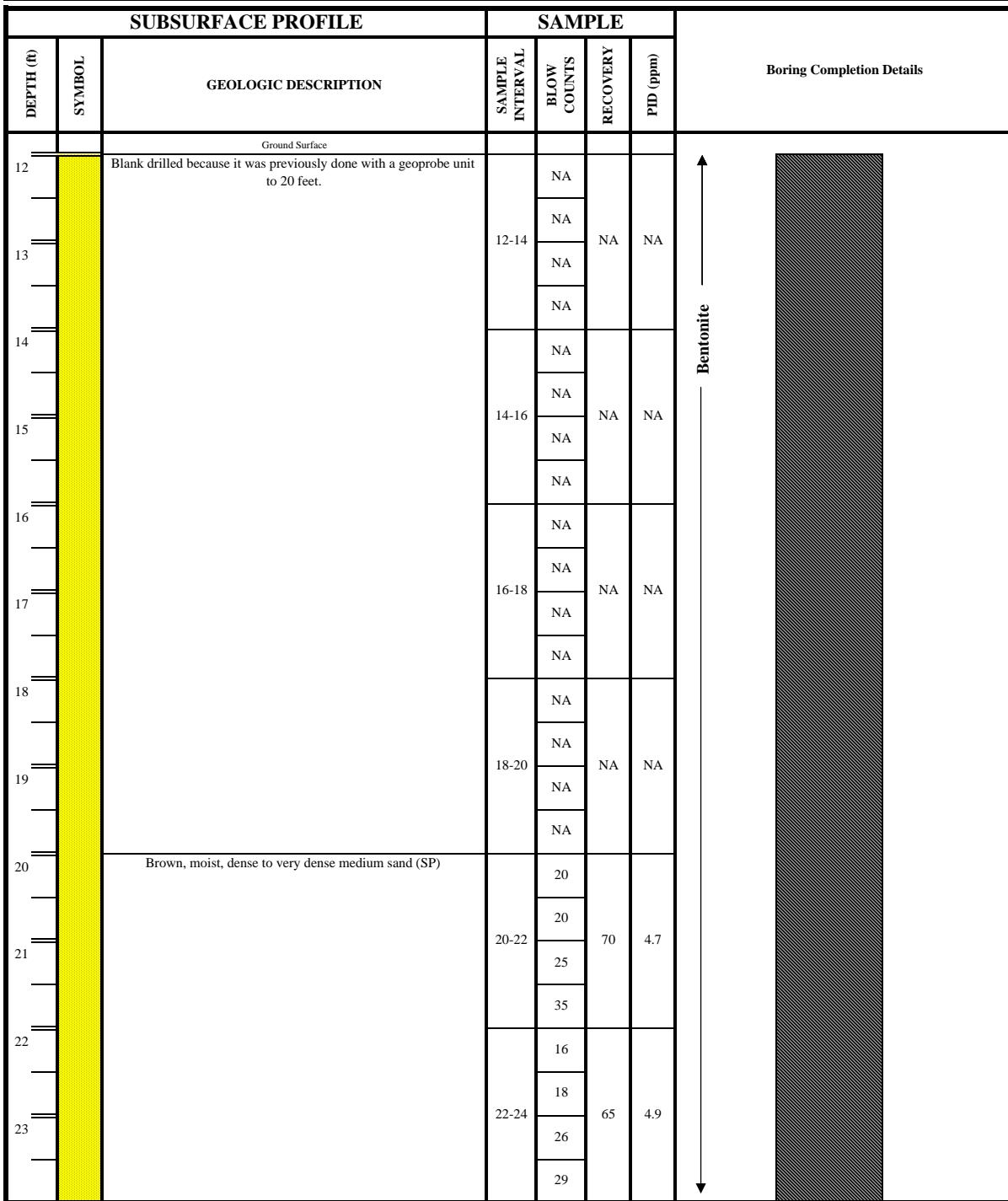


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-01

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▲ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

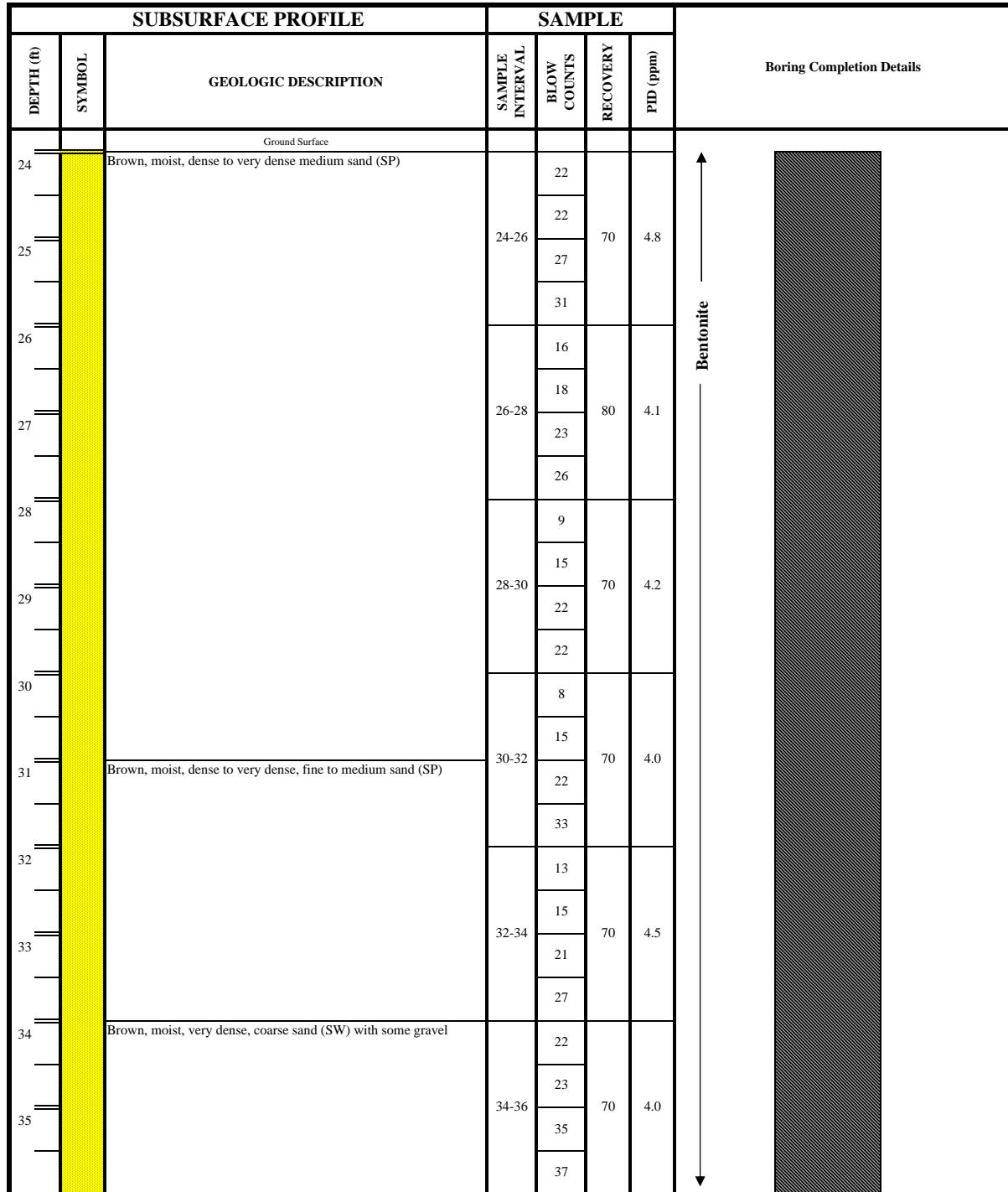


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-01

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slit

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

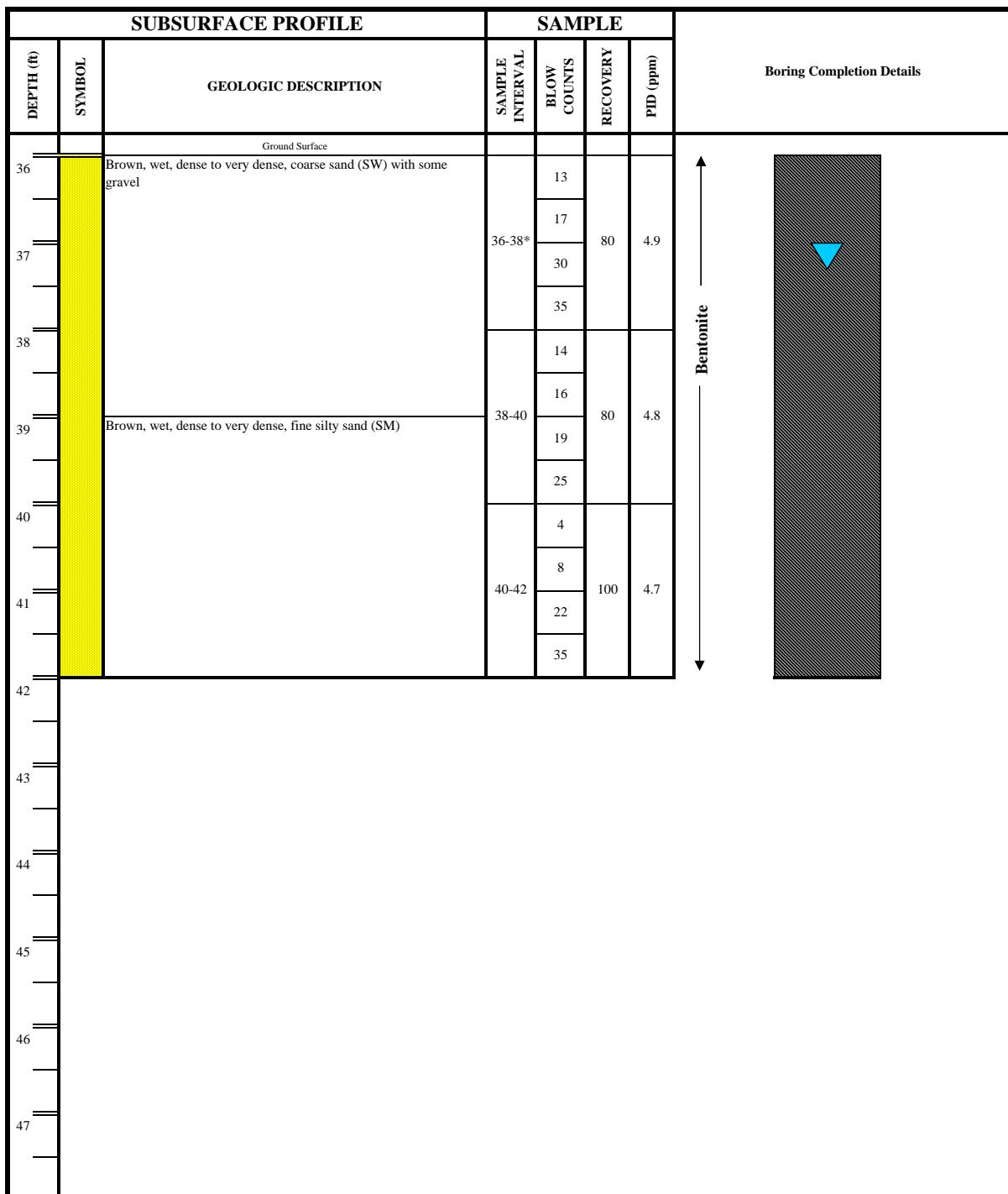


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-01

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Donovan Wilczynski

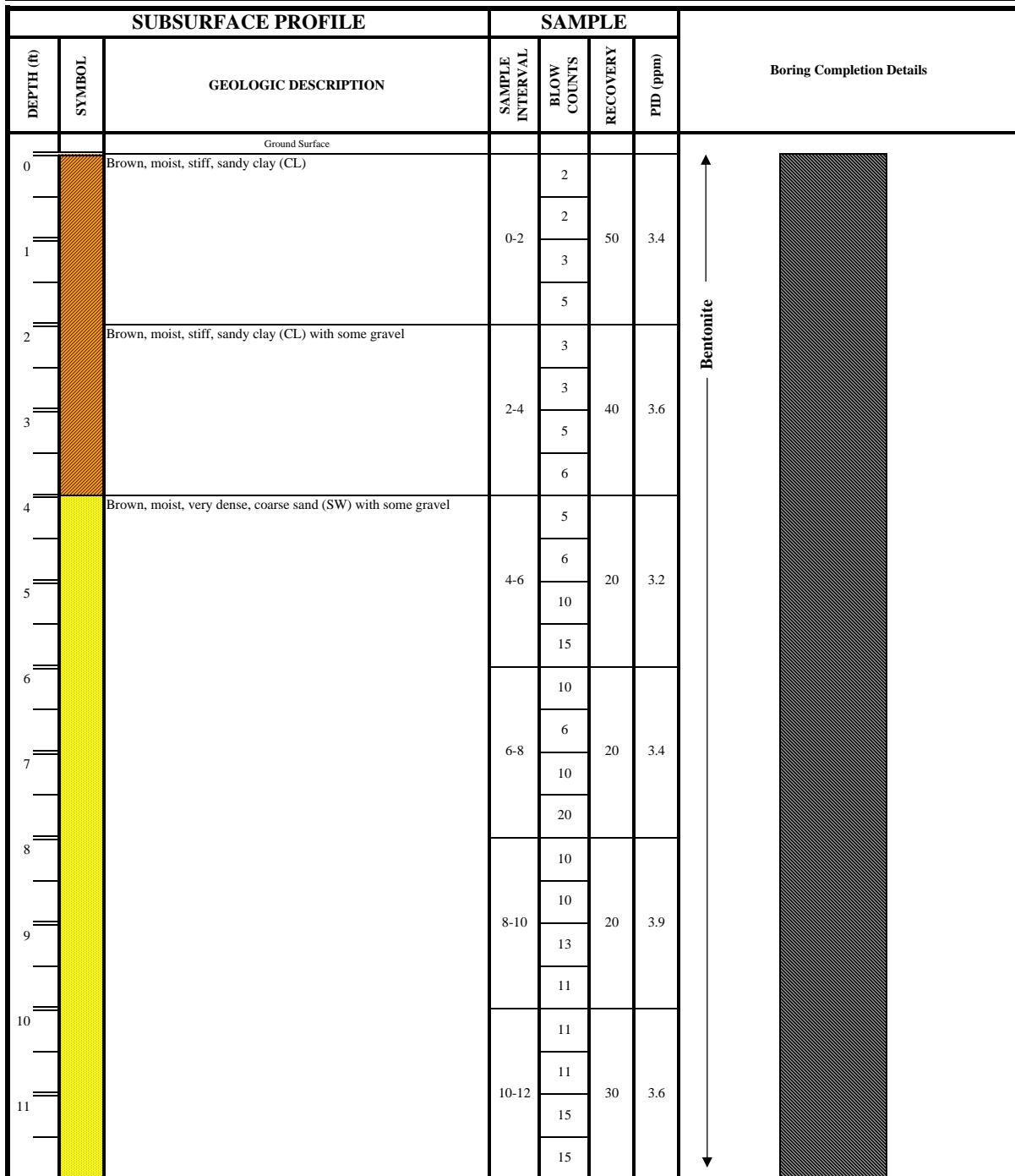


7428 Rockville Rd.
Indianapolis, Indiana 46214

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City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-02

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



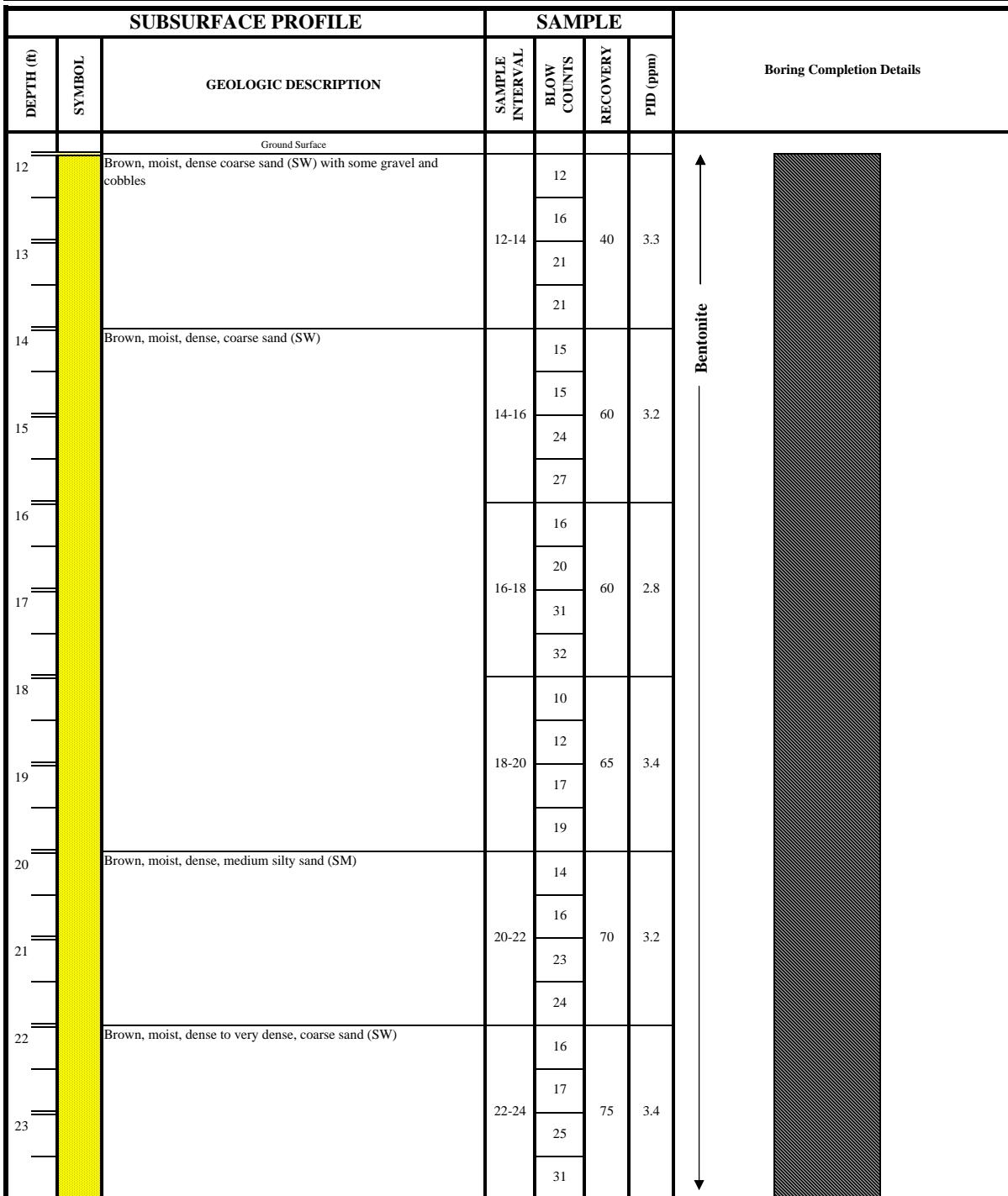


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-02

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

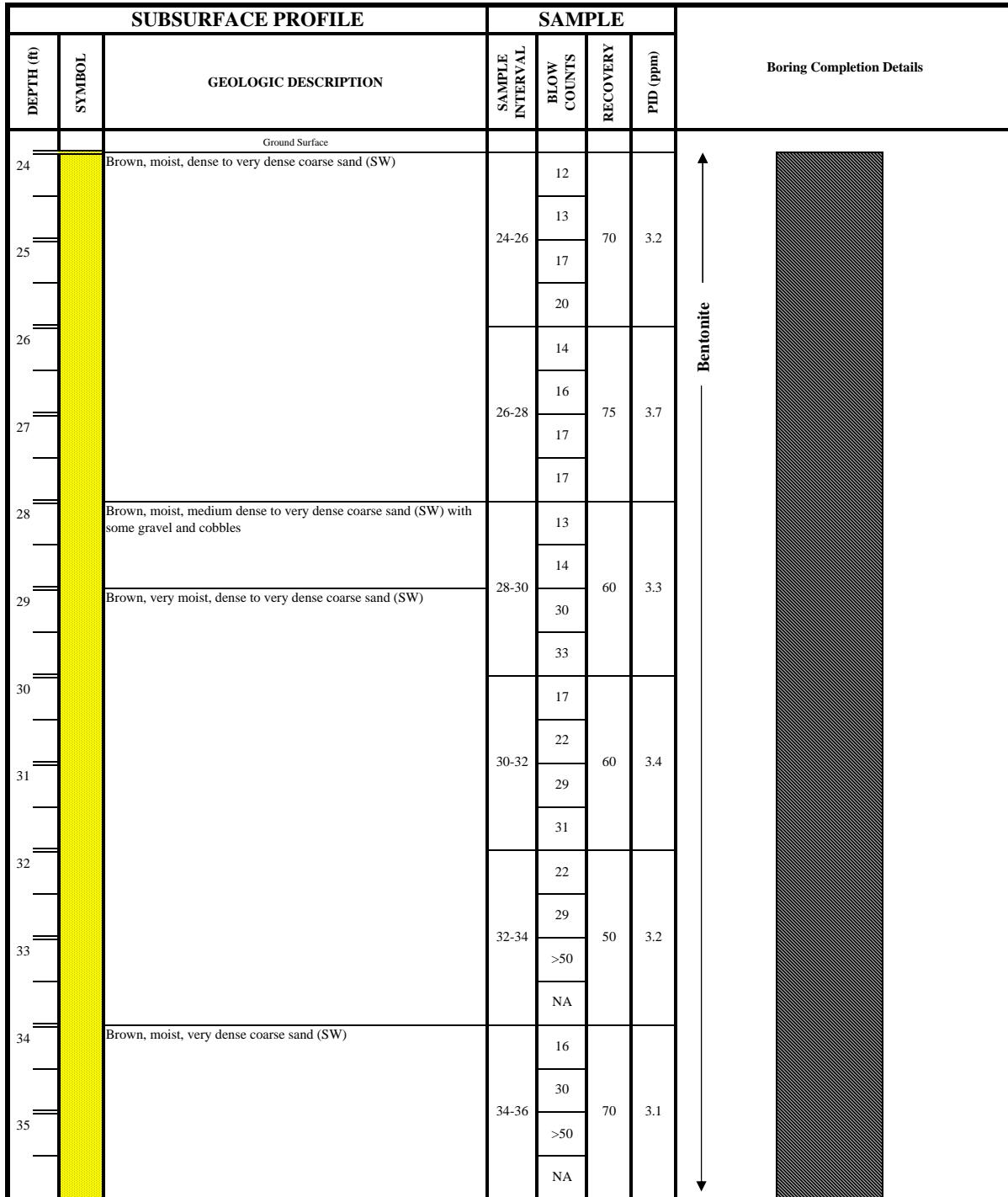


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-02

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

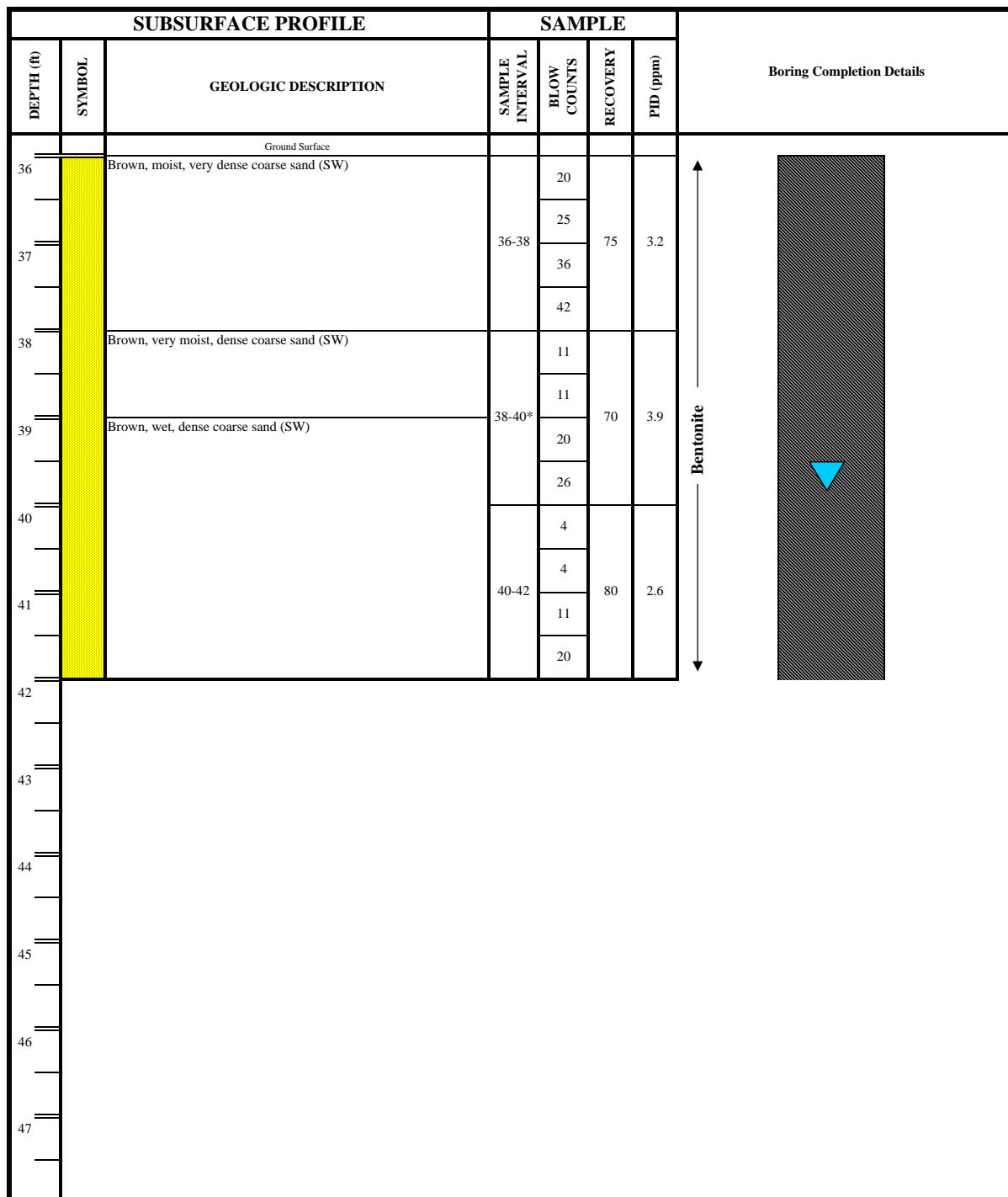


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-02

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Donovan Wilczynski

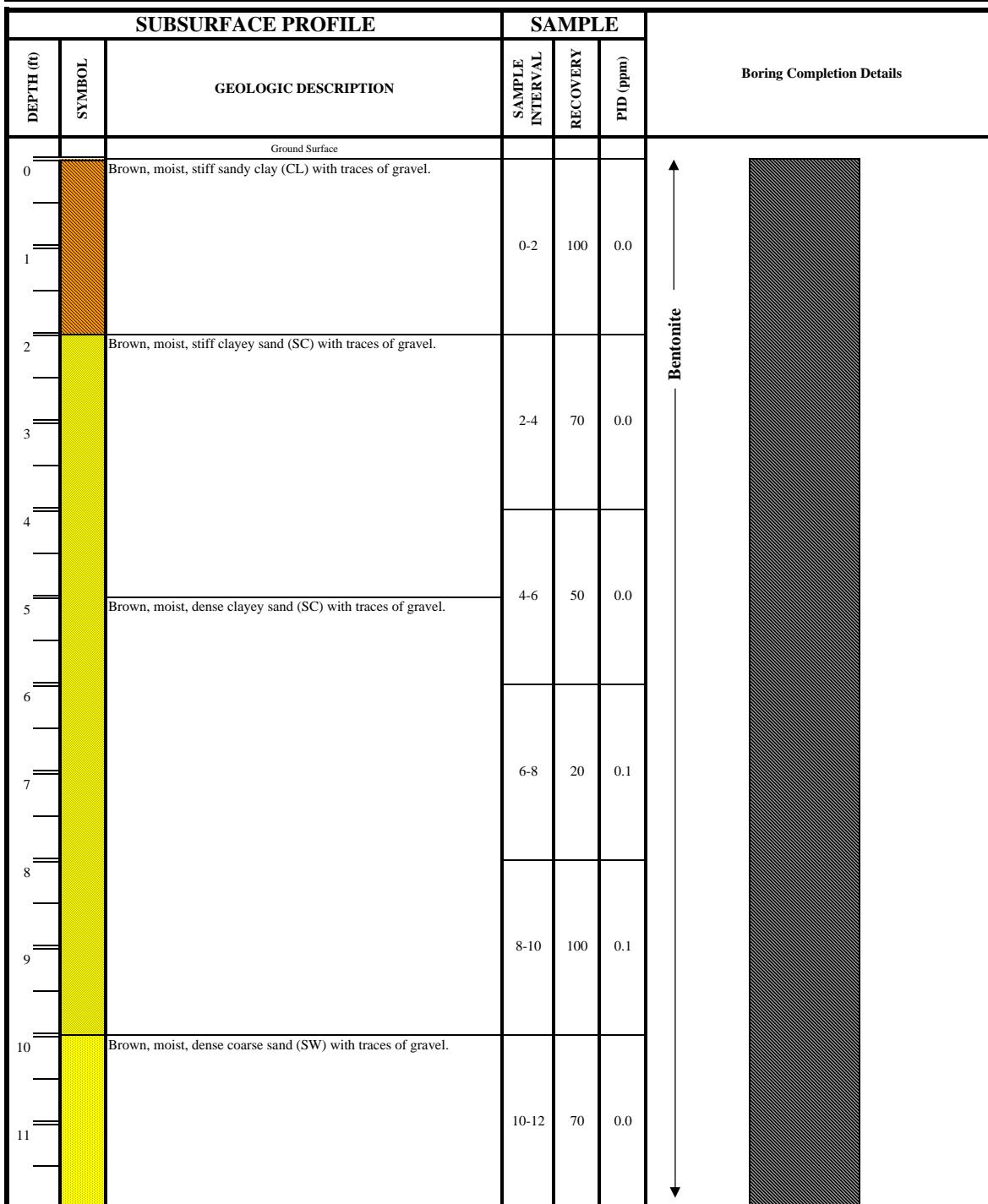


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-03

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: June 19, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 20 feet

Casing Length: NA

Screen Length: NA

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: NA

Sampling Method: Direct Push - Geoprobe

Drill Method: Direct Push - Geoprobe

Drilled By: Earth Exploration Services

Geologist: Christopher Newell

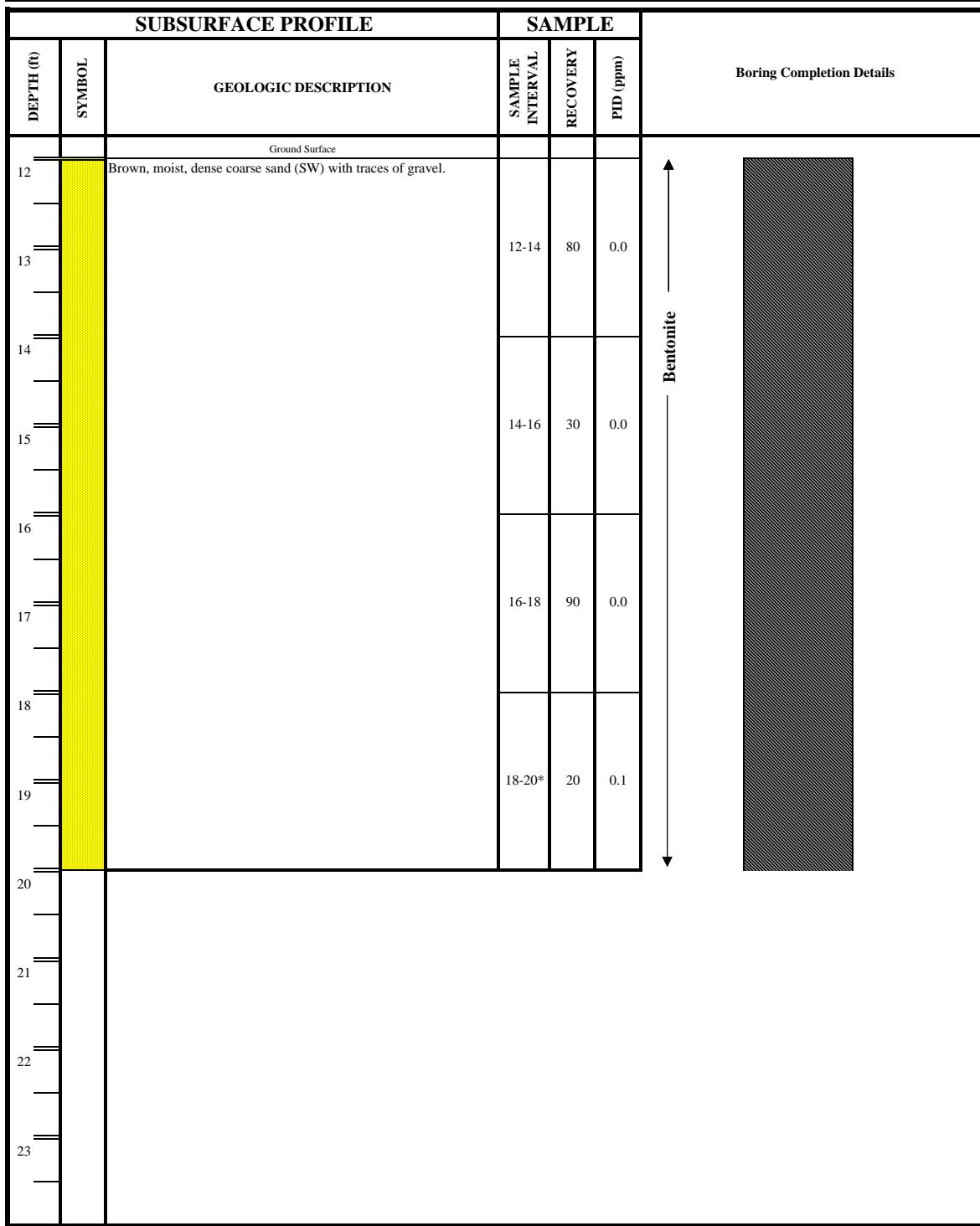


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-03

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: June 19, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 20 feet

Casing Length: NA

Screen Length: NA

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: NA

Sampling Method: Direct Push - Geoprobe

Drill Method: Direct Push - Geoprobe

Drilled By: Earth Exploration Services

Geologist: Christopher Newell



7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-03

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02

SUBSURFACE PROFILE		SAMPLE				Boring Completion Details	
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION		SAMPLE INTERVAL	BLOW COUNTS		
		Ground Surface				RECOVERY	PID (ppm)
0		Blank drilled because it was previously done with a geoprobe unit to 20 feet on 6/19/2008.		0-2	NA NA NA NA	NA NA	NA
1				2-4	NA NA NA NA	NA NA	NA
2				4-6	NA NA NA NA	NA NA	NA
3				6-8	NA NA NA NA	NA NA	NA
4				8-10	NA NA NA NA	NA NA	NA
5				10-12	NA NA NA NA	NA NA	NA
6							
7							
8							
9							
10							
11							

Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

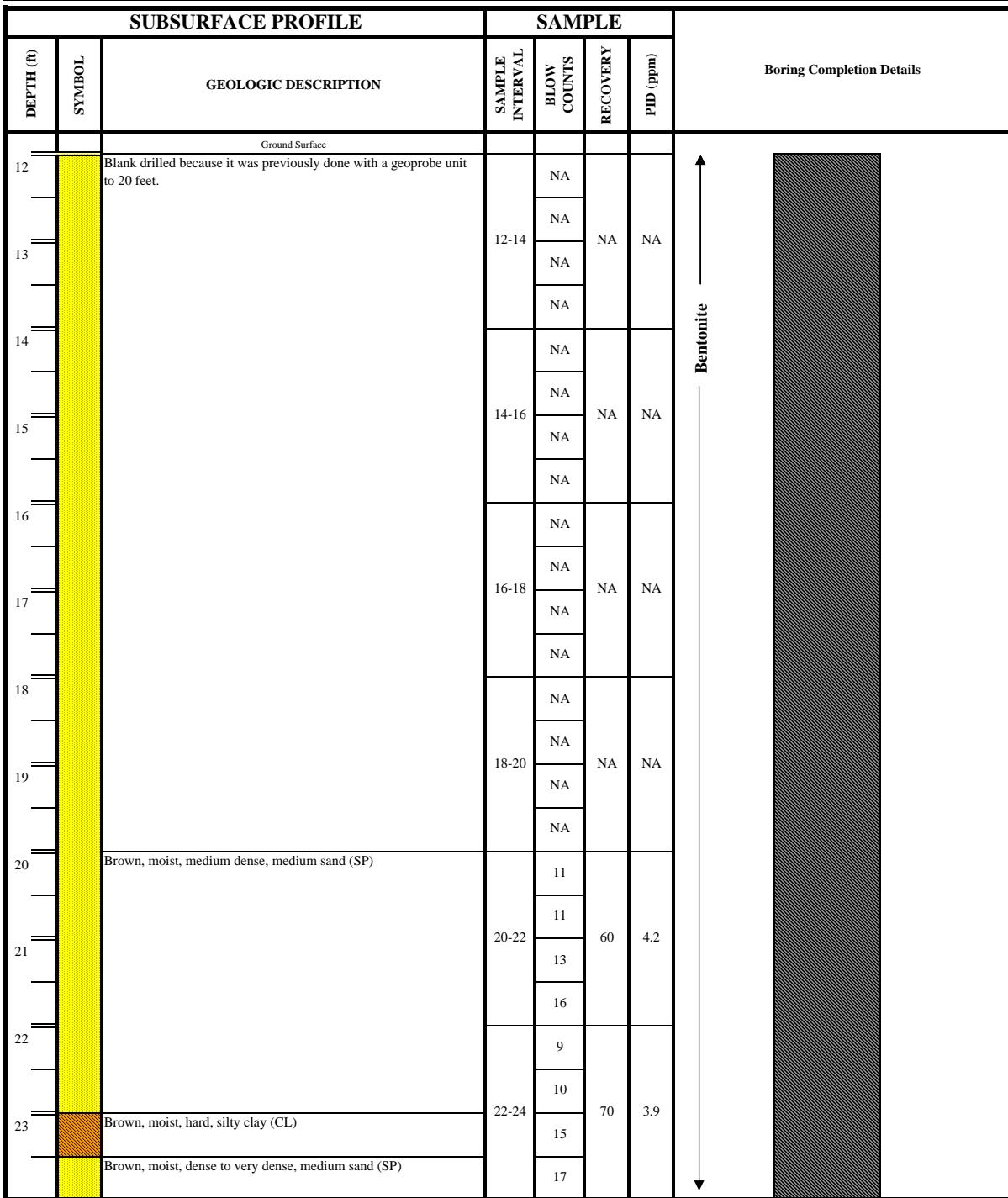


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-03

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▲ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

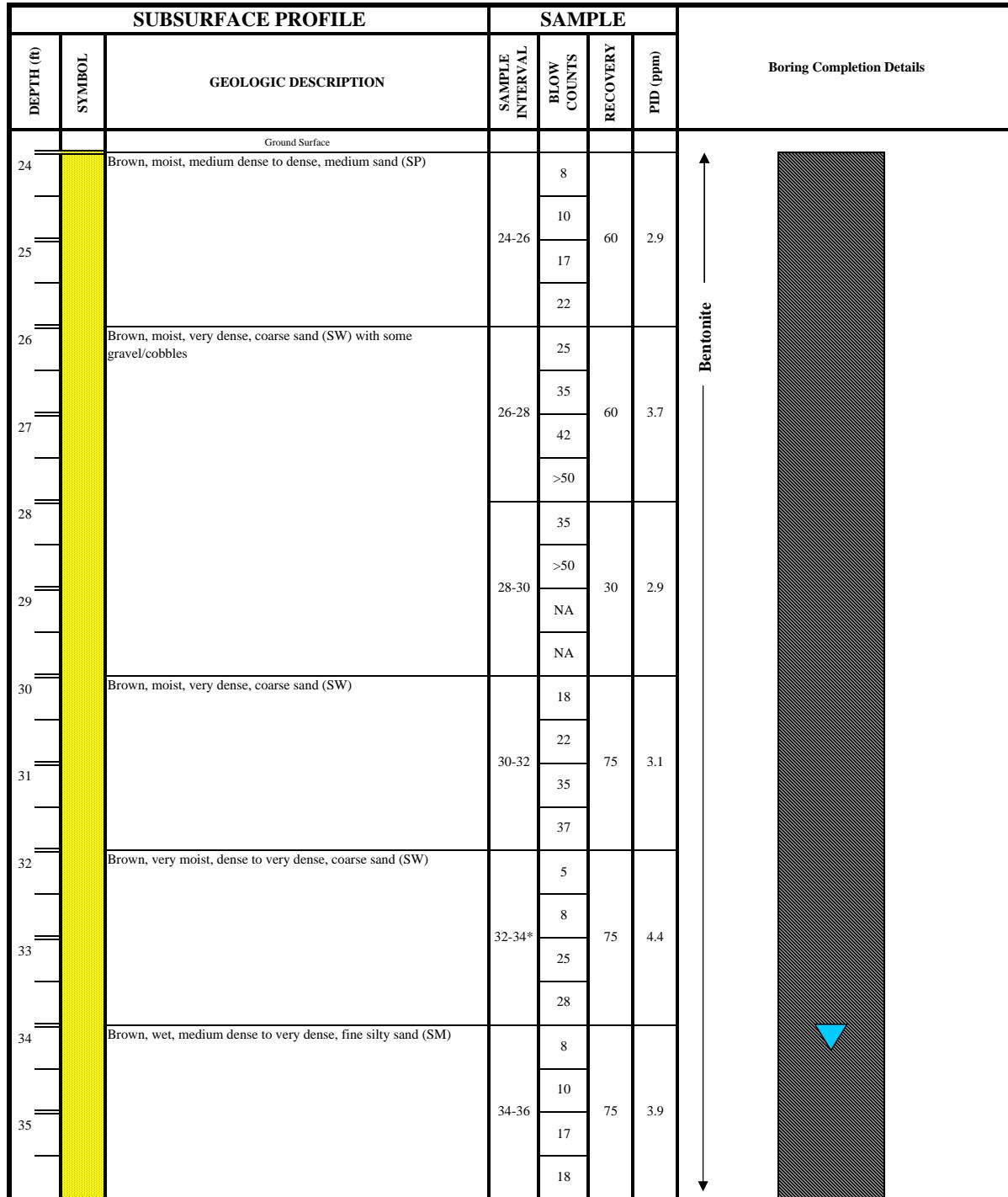


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-03

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

- Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

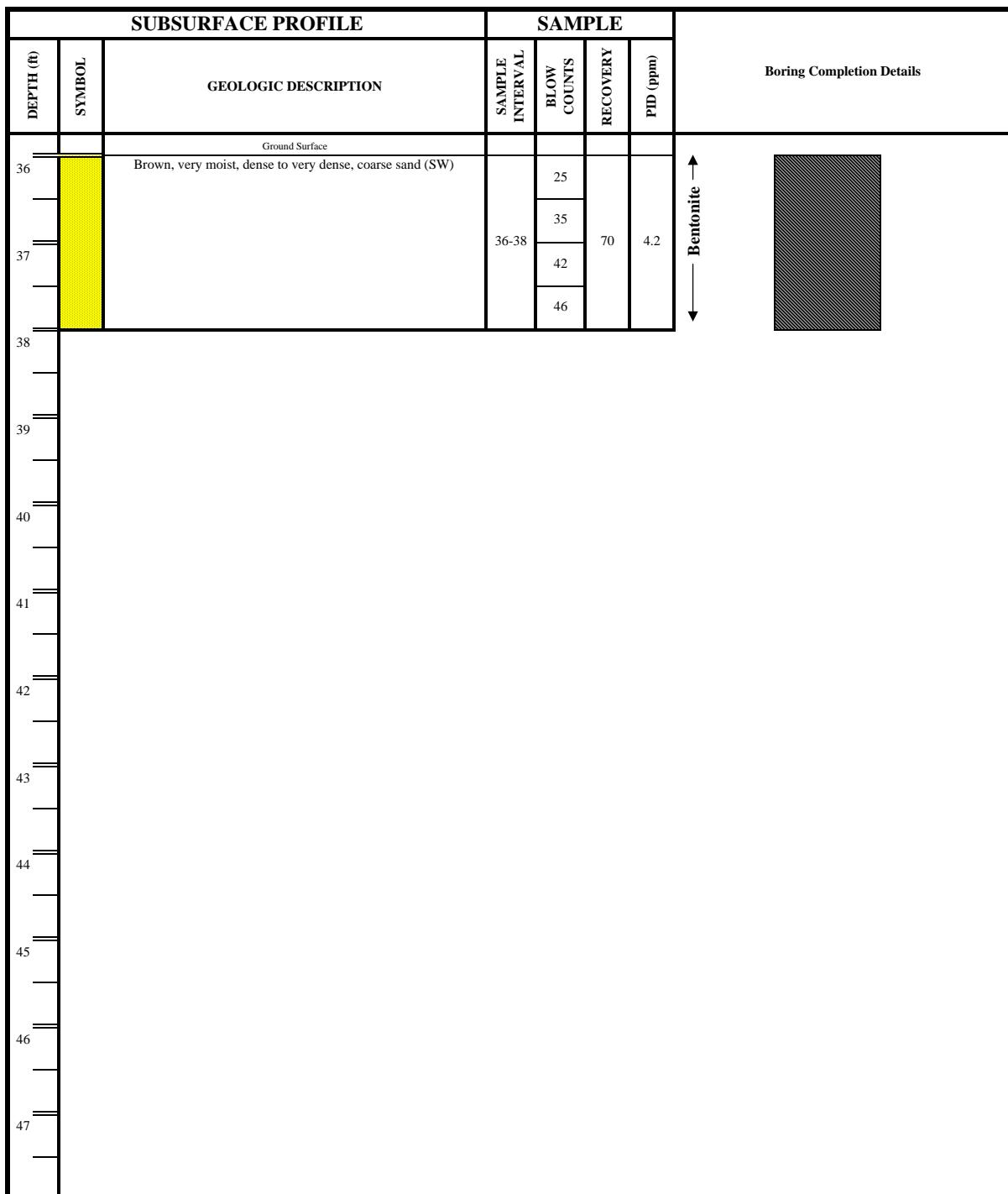


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-03

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Auger
Drilled By: Environmental Field Services
Geologist: Donovan Wilczynski

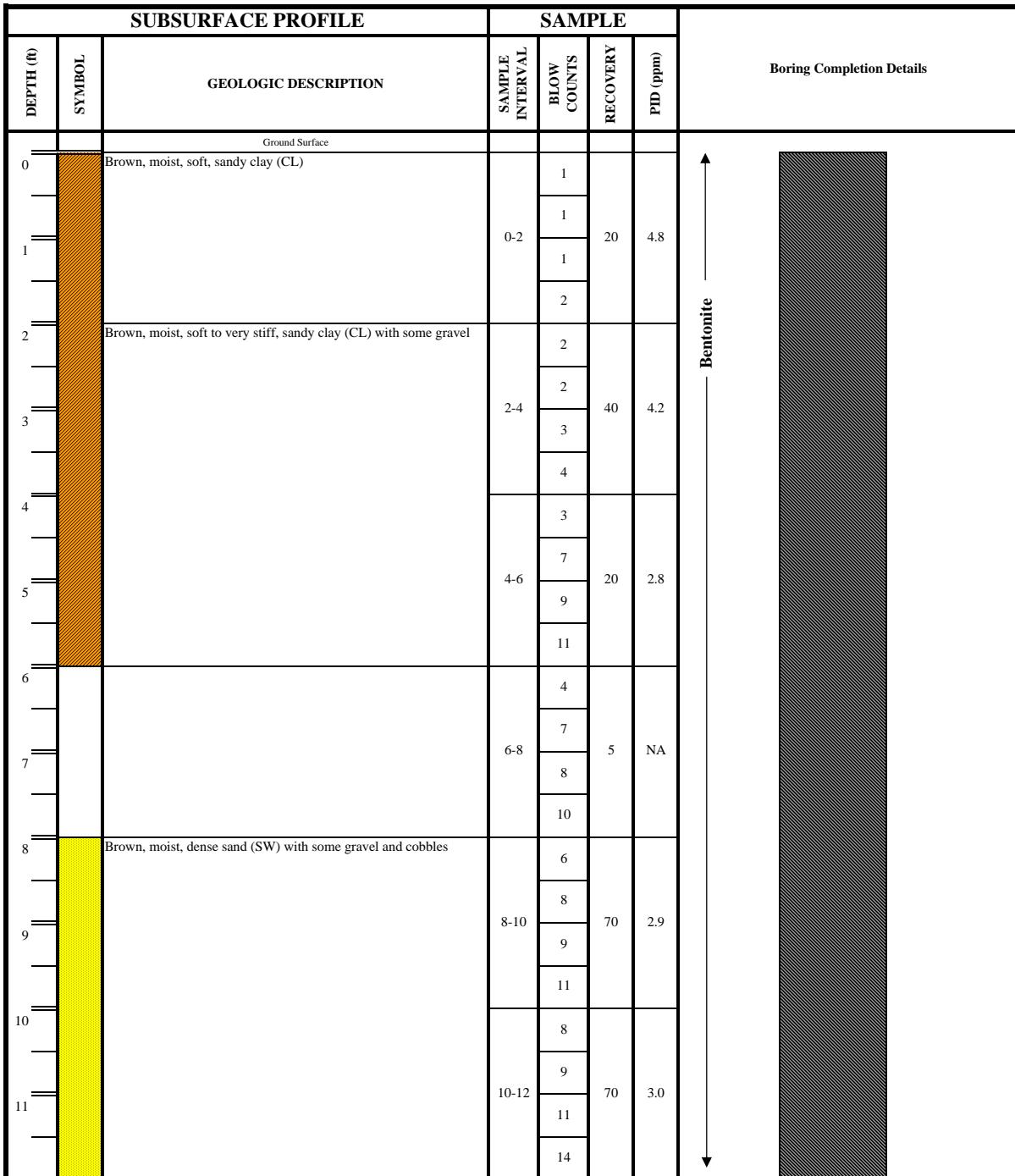


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-04

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 46 feet

Casing Length: 36 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

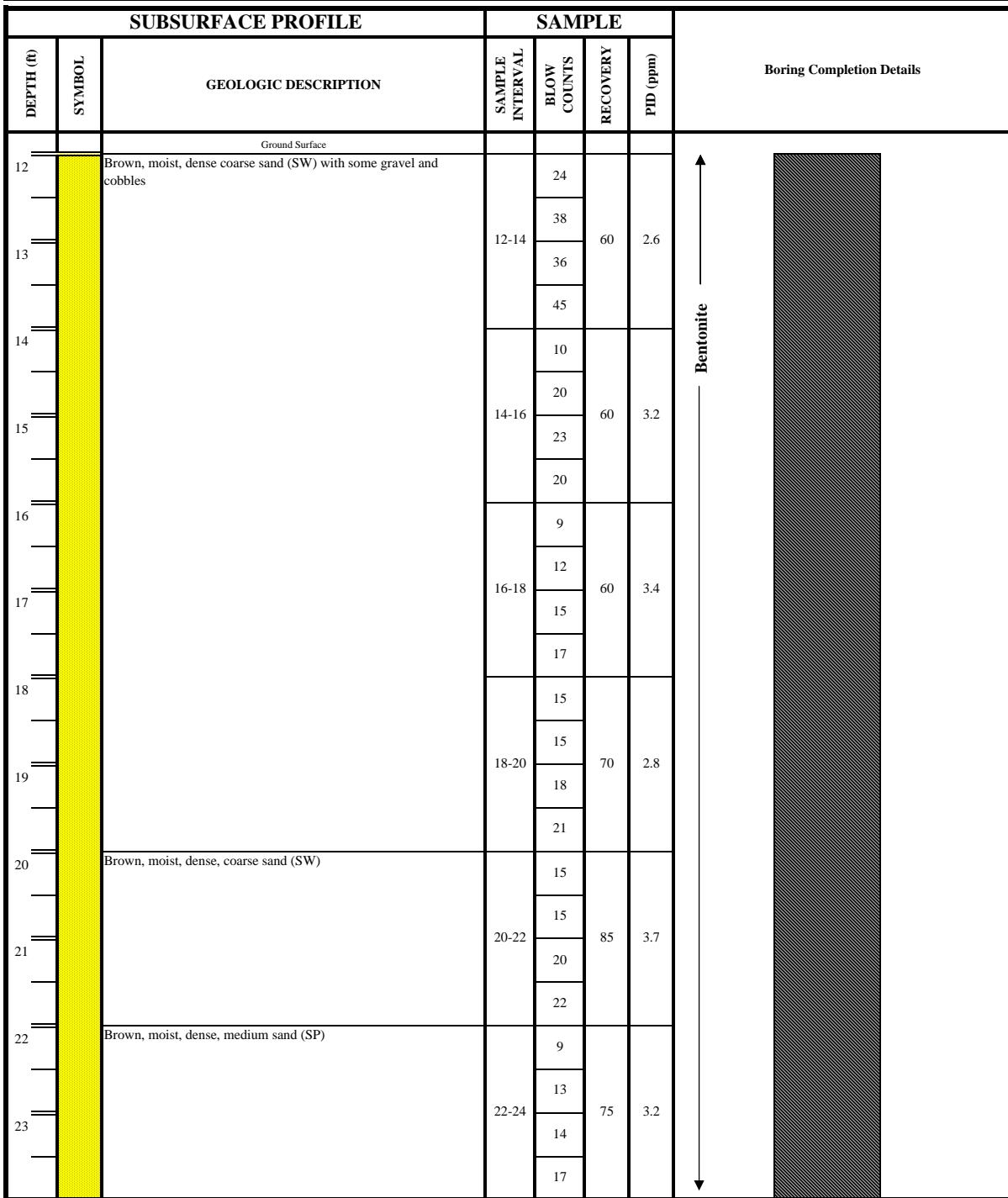


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-04

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 46 feet

Casing Length: 36 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

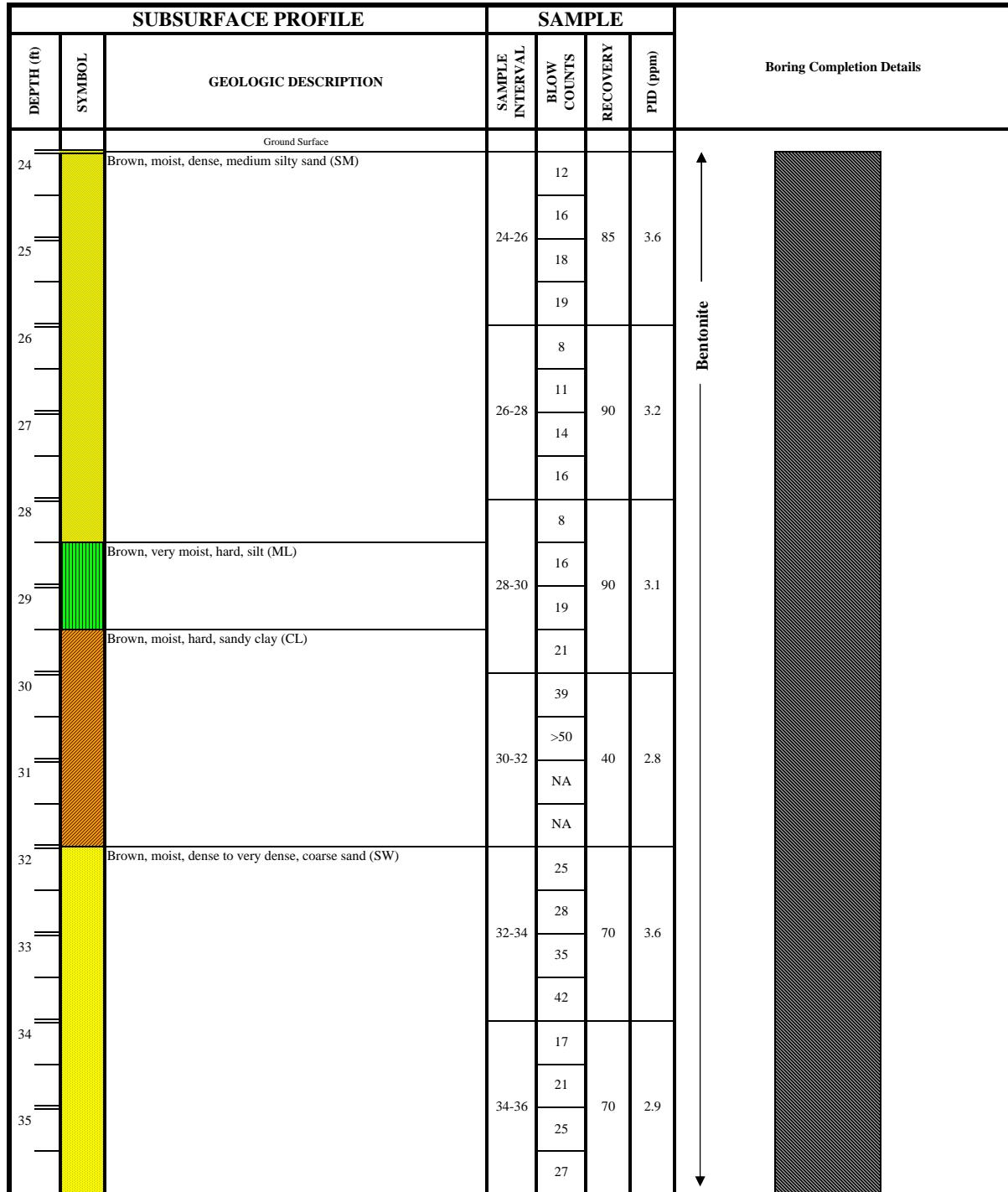


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-04

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 46 feet

Casing Length: 36 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

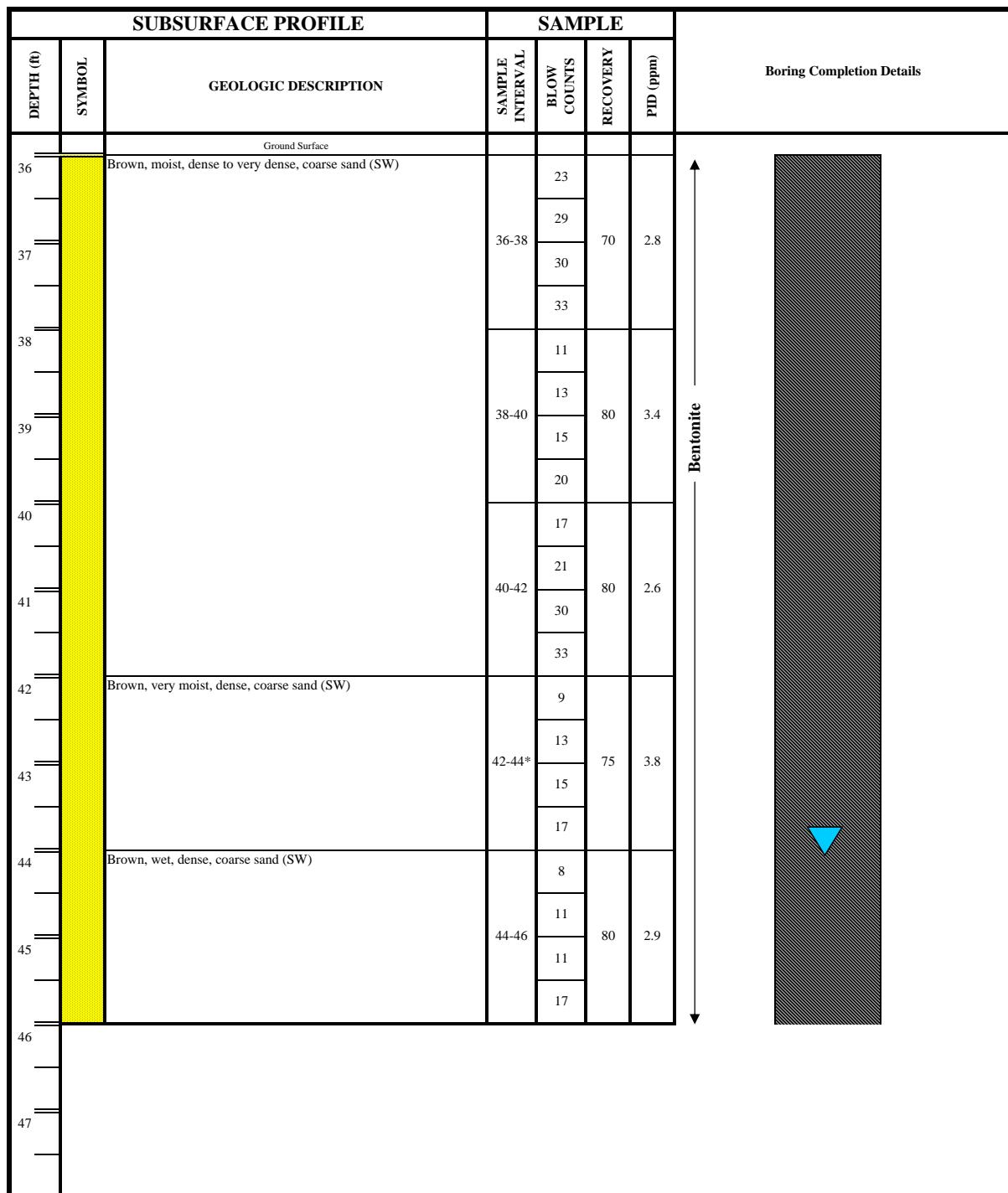


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-04

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 46 feet
Casing Length: 36 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Auger
Drilled By: Environmental Field Services
Geologist: Donovan Wilczynski

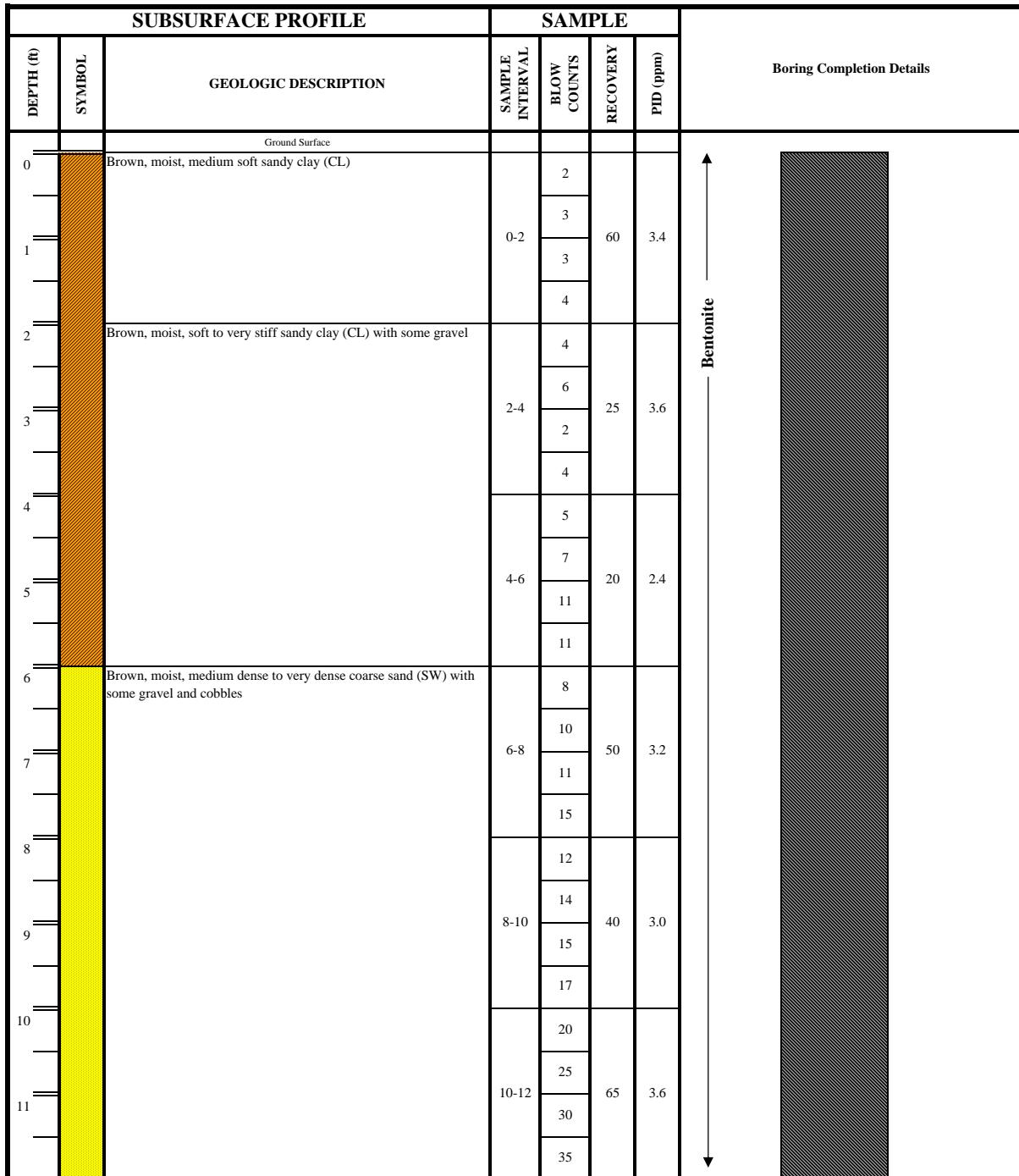


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-05

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 46 feet

Casing Length: 36 feet

Screen Length: 20 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

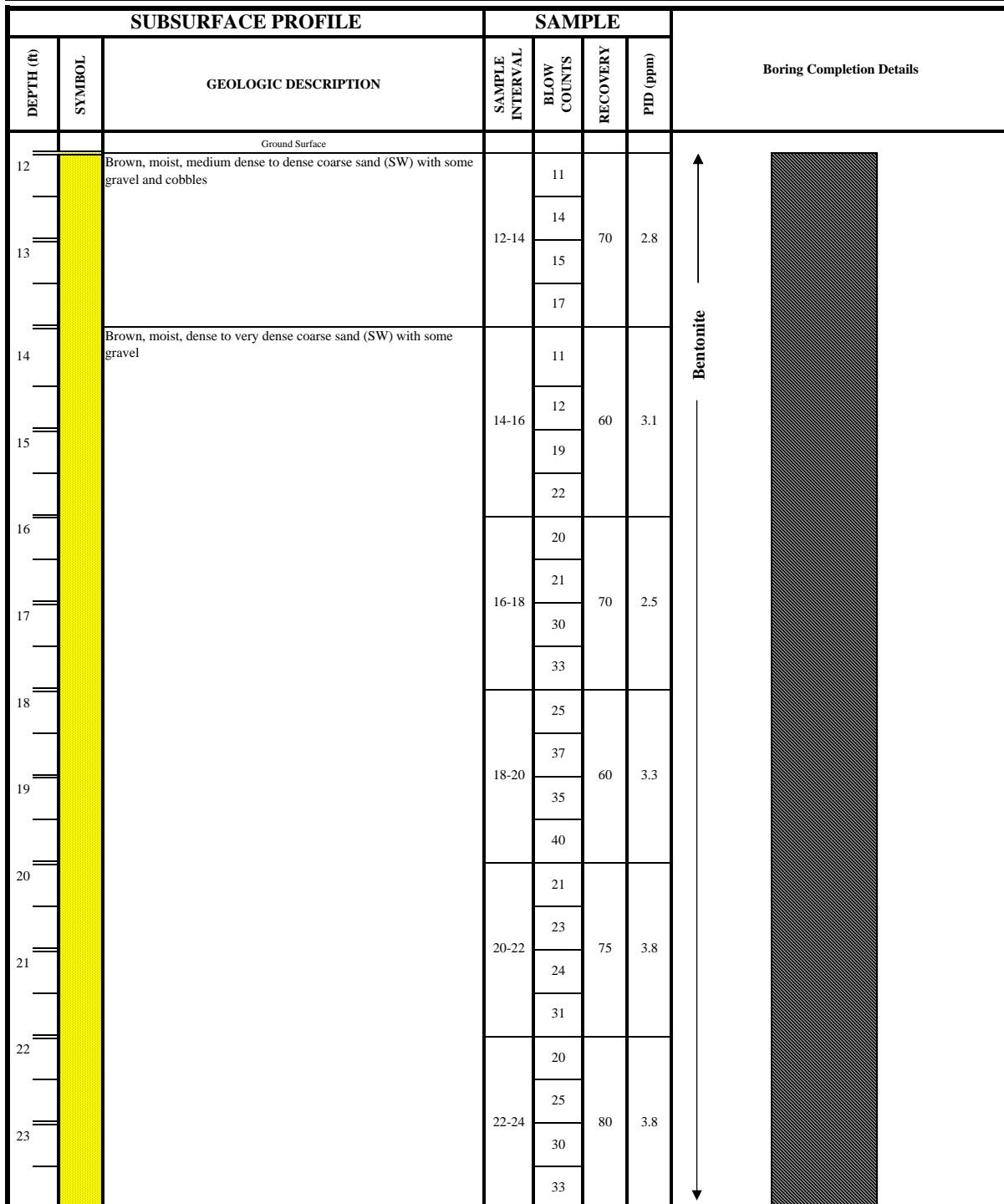


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-05

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 46 feet

Casing Length: 36 feet

Screen Length: 20 feet

Diameter: 2 inches

Material: Schedule 40 PVC

◆ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

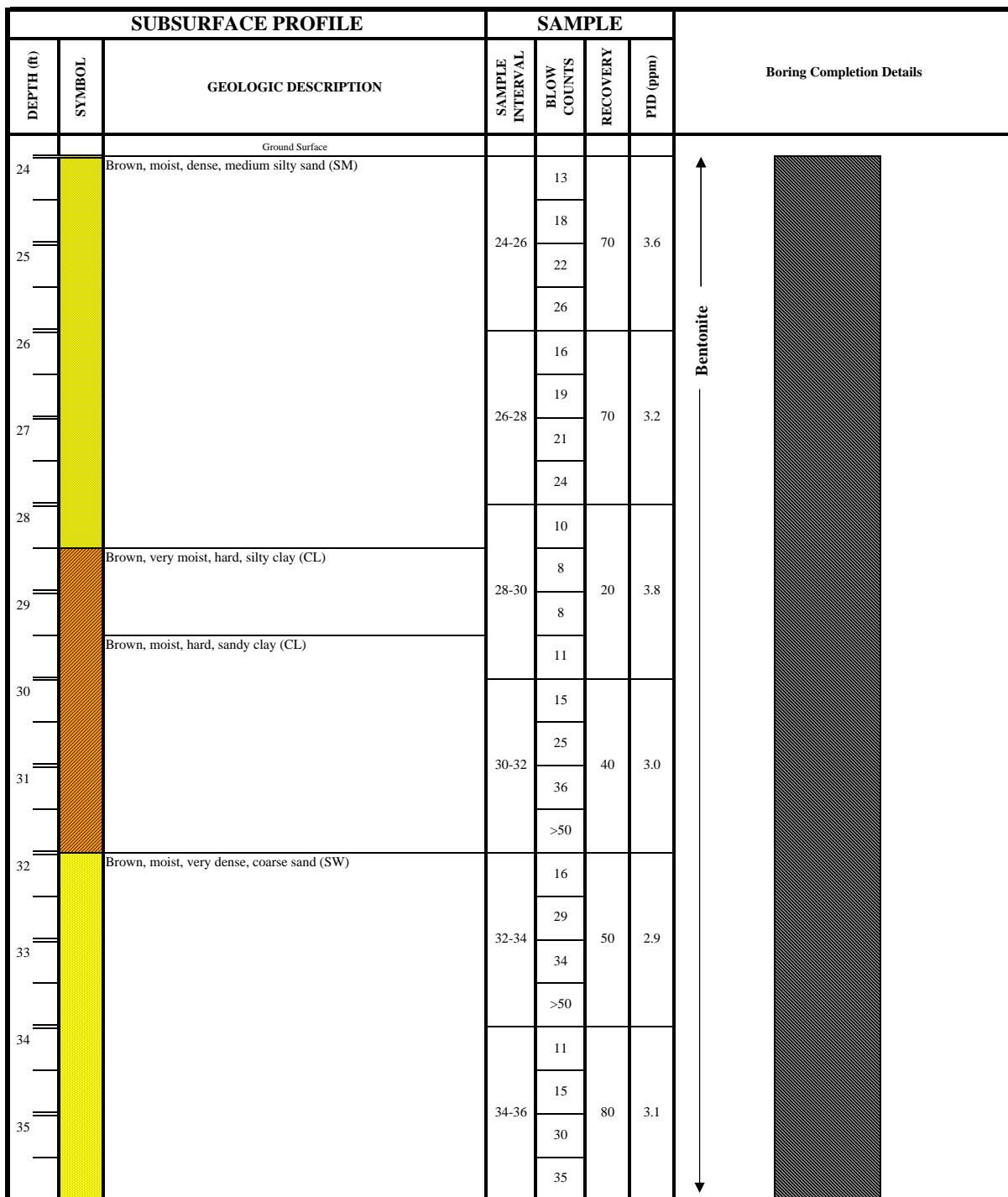


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-05

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 46 feet

Casing Length: 36 feet

Screen Length: 20 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slit

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Donovan Wilczynski

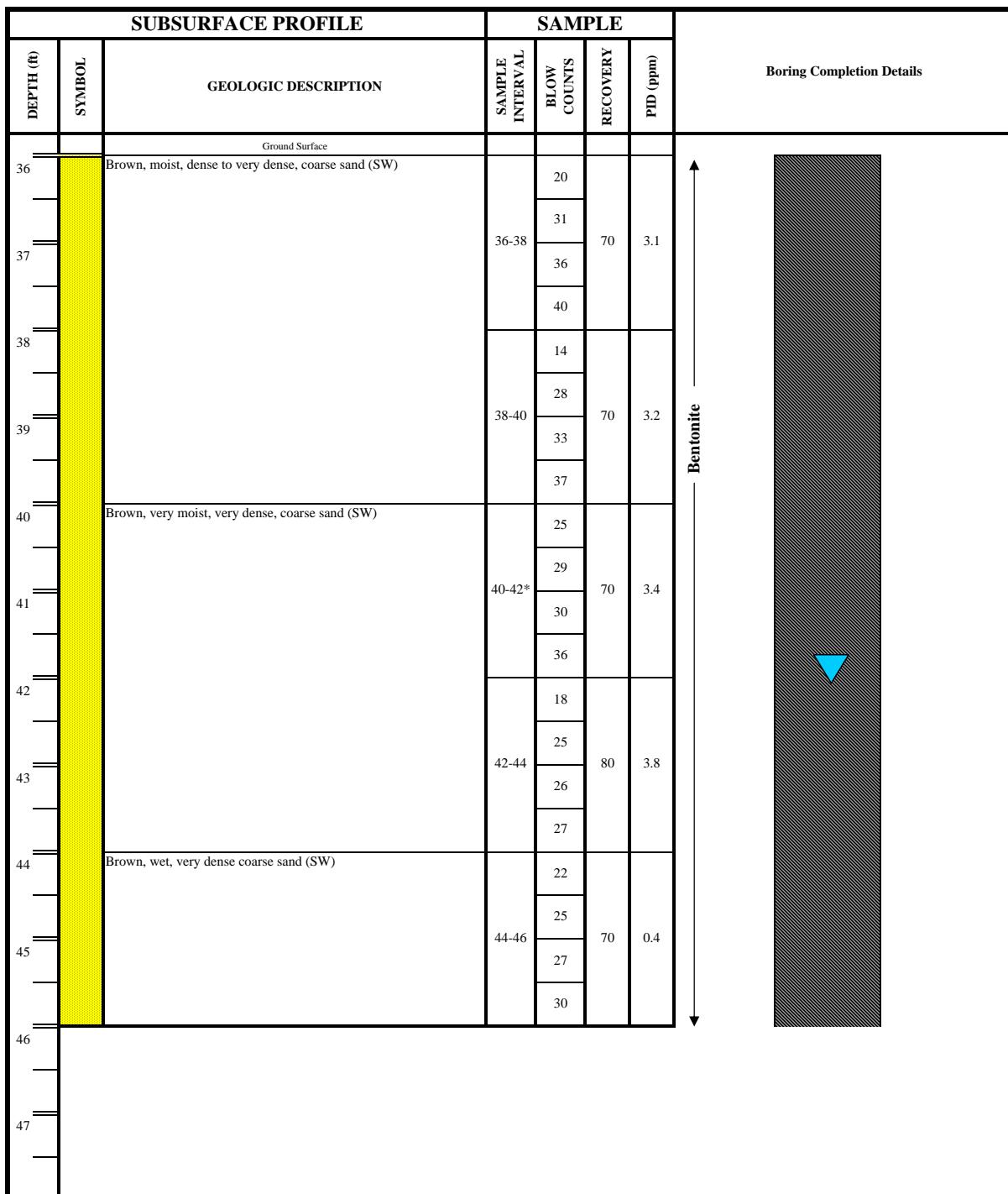


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-05

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 46 feet
Casing Length: 36 feet
Screen Length: 20 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▲ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Donovan Wilczynski

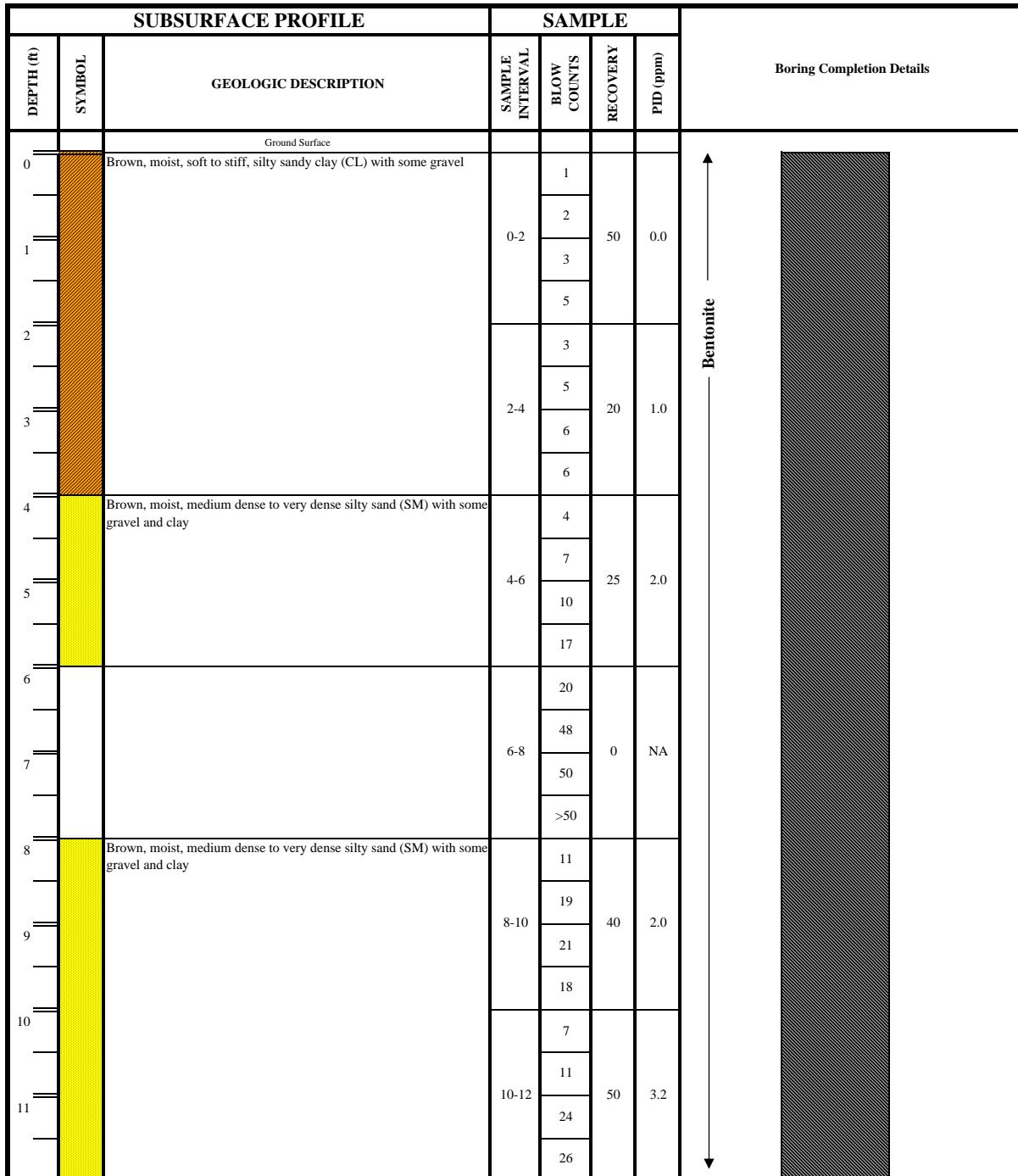


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-06

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Patrick Rohan

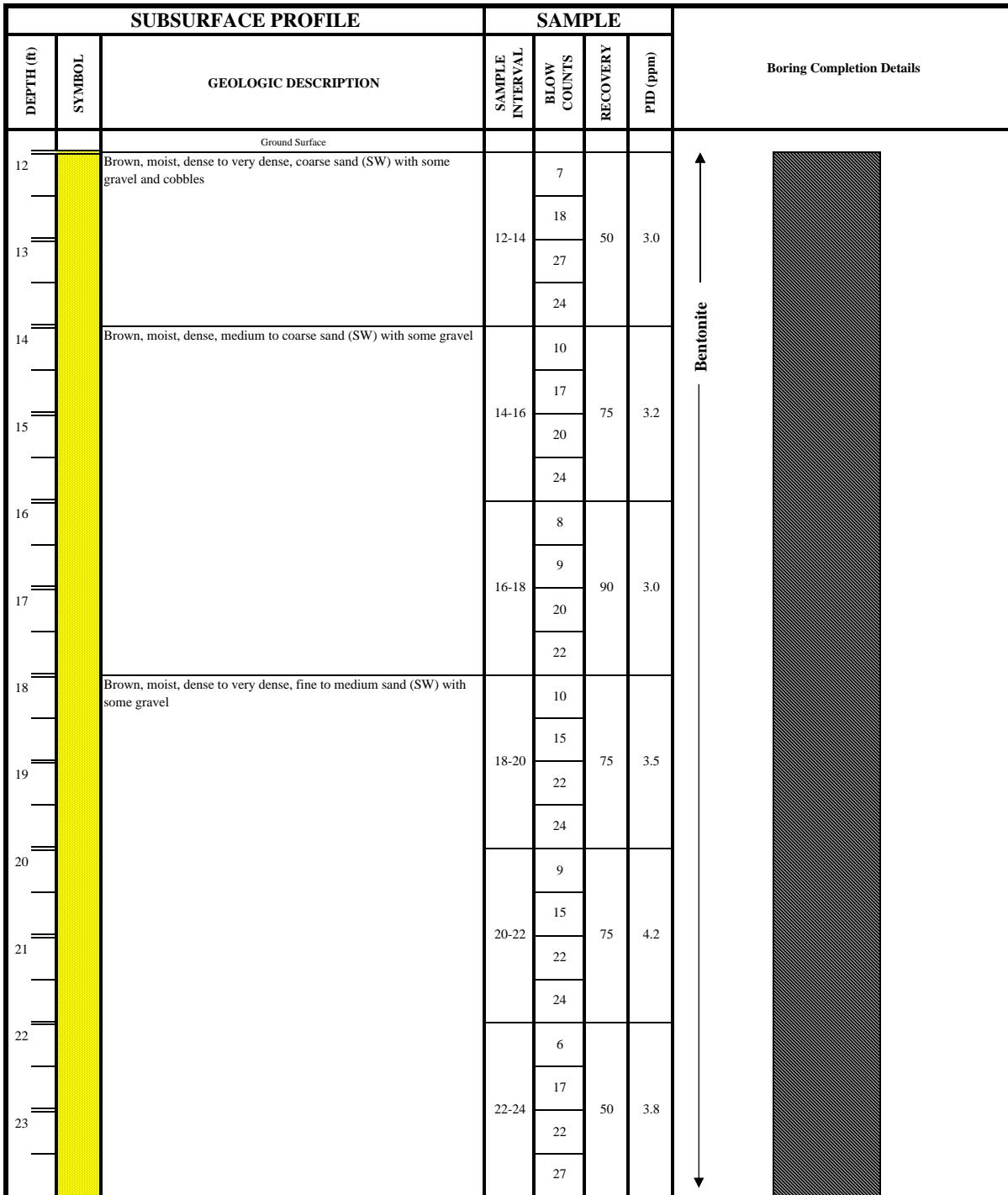


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-06

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

- Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Patrick Rohan

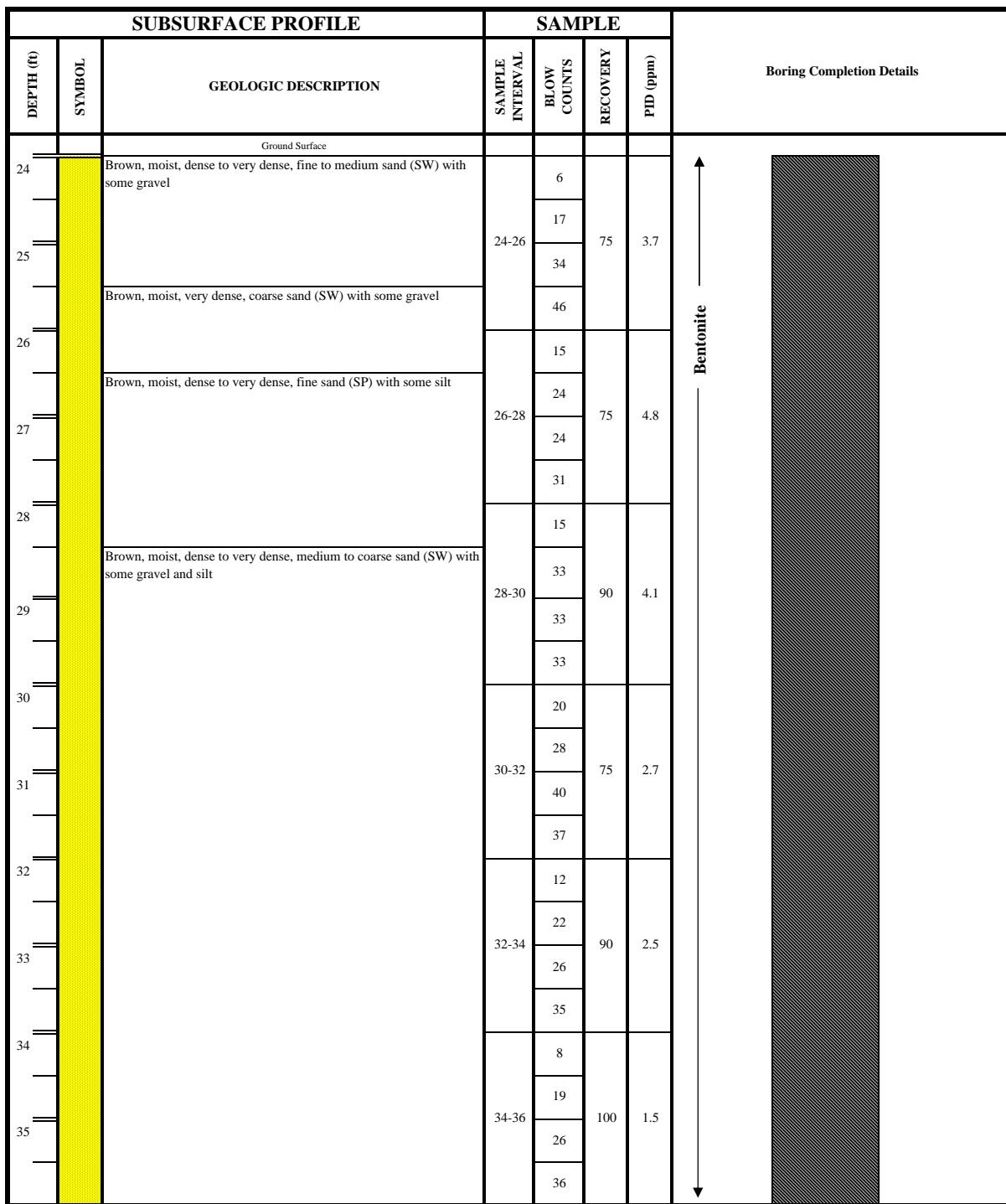


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-06

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

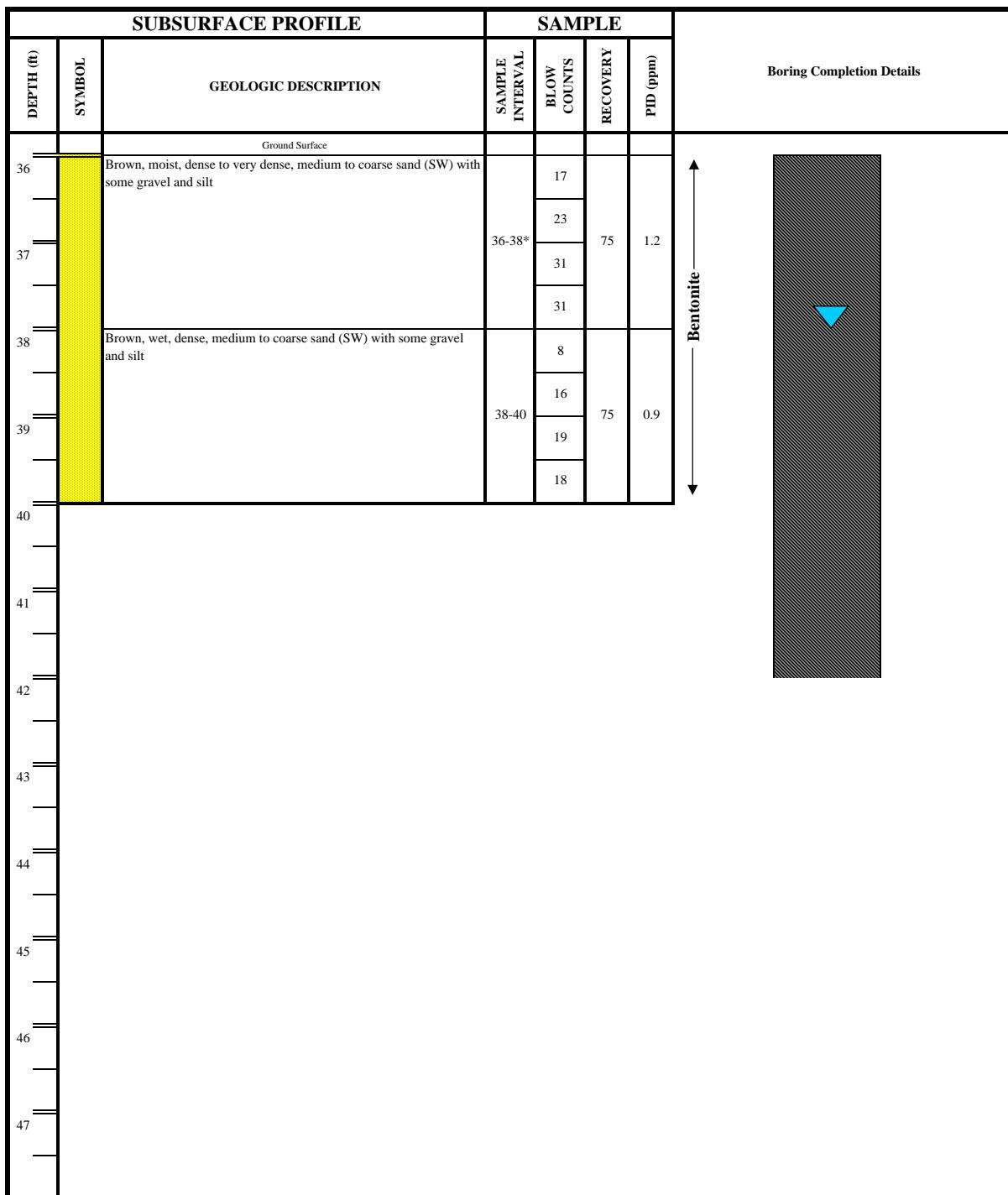


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-06

Installation Date: July 2, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

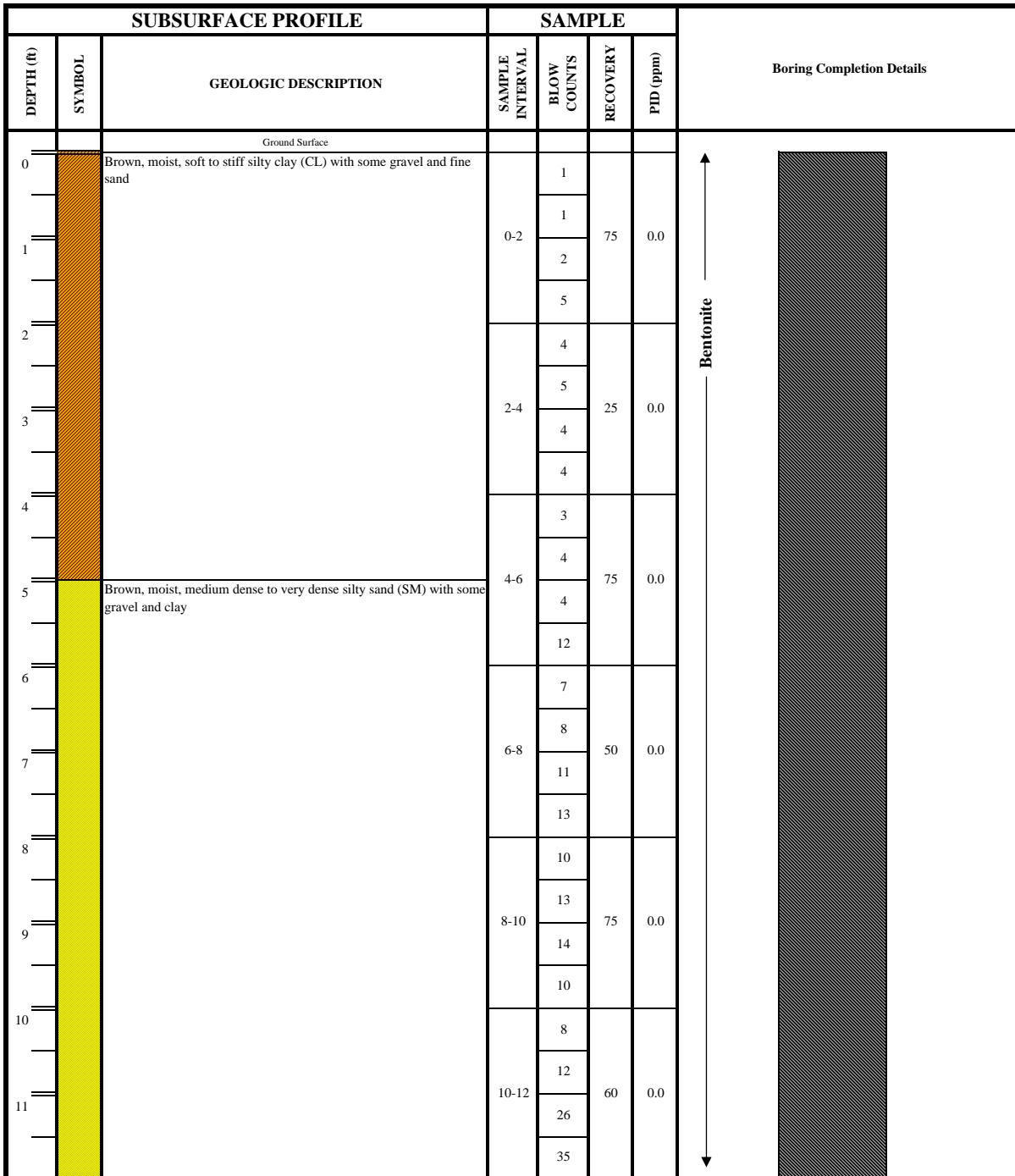


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-07

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 42 feet

Casing Length: 32 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

◆ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Patrick Rohan



**7428 Rockville Rd.
Indianapolis, Indiana 46214**

BORING LOG: DR-SB-GP-07

**Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904**

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02

SUBSURFACE PROFILE		SAMPLE				Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	BLOW COUNTS	RECOVERY	
12		Ground Surface Brown, moist, dense silty sand (SM) with some gravel and clay	12-14	14 18 22 34	60	0.0
13						
14		Brown, moist, dense to very dense medium to coarse sand (SP) with some gravel	14-16	9 15 20 22	75	0.0
15						
16		Brown, moist, medium dense to very dense fine to medium sand (SP)	16-18	6 13 24 26	75	0.0
17						
18			18-20	7 16 23 40	75	0.0
19						
20			20-22	12 15 16 17	85	0.0
21						
22		No recovery	22-24	16 13 13 23	0	NA
23						

Note: * Sample Submitted for laboratory analysis.
Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

 - Indicates depth to groundwater.
Screen Material: Sch 40 PVC, 0.01-in silt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

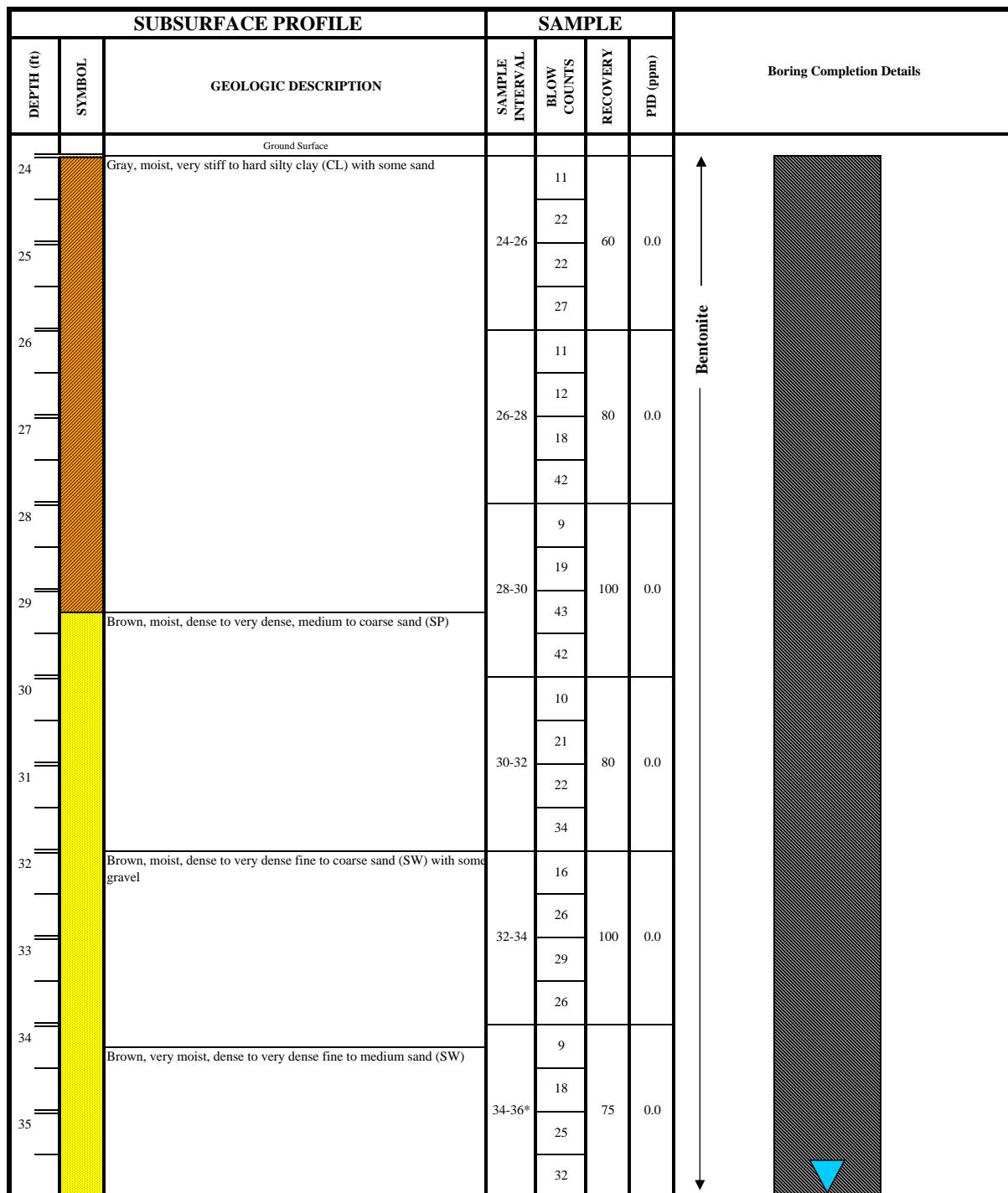


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-07

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

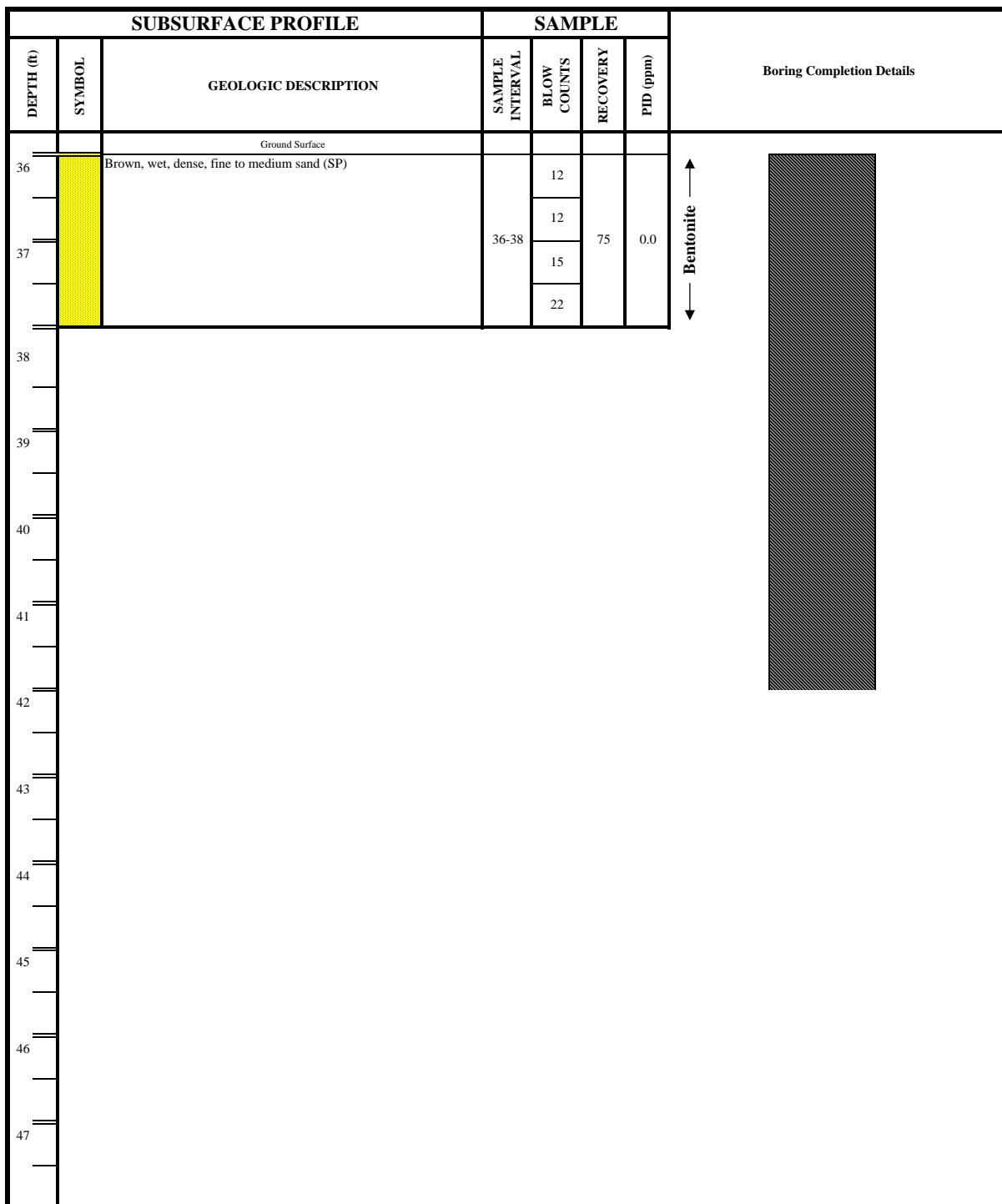


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-07

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.
Boring Diameter: 2.00 inches
Boring Depth: 42 feet
Casing Length: 32 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.
Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

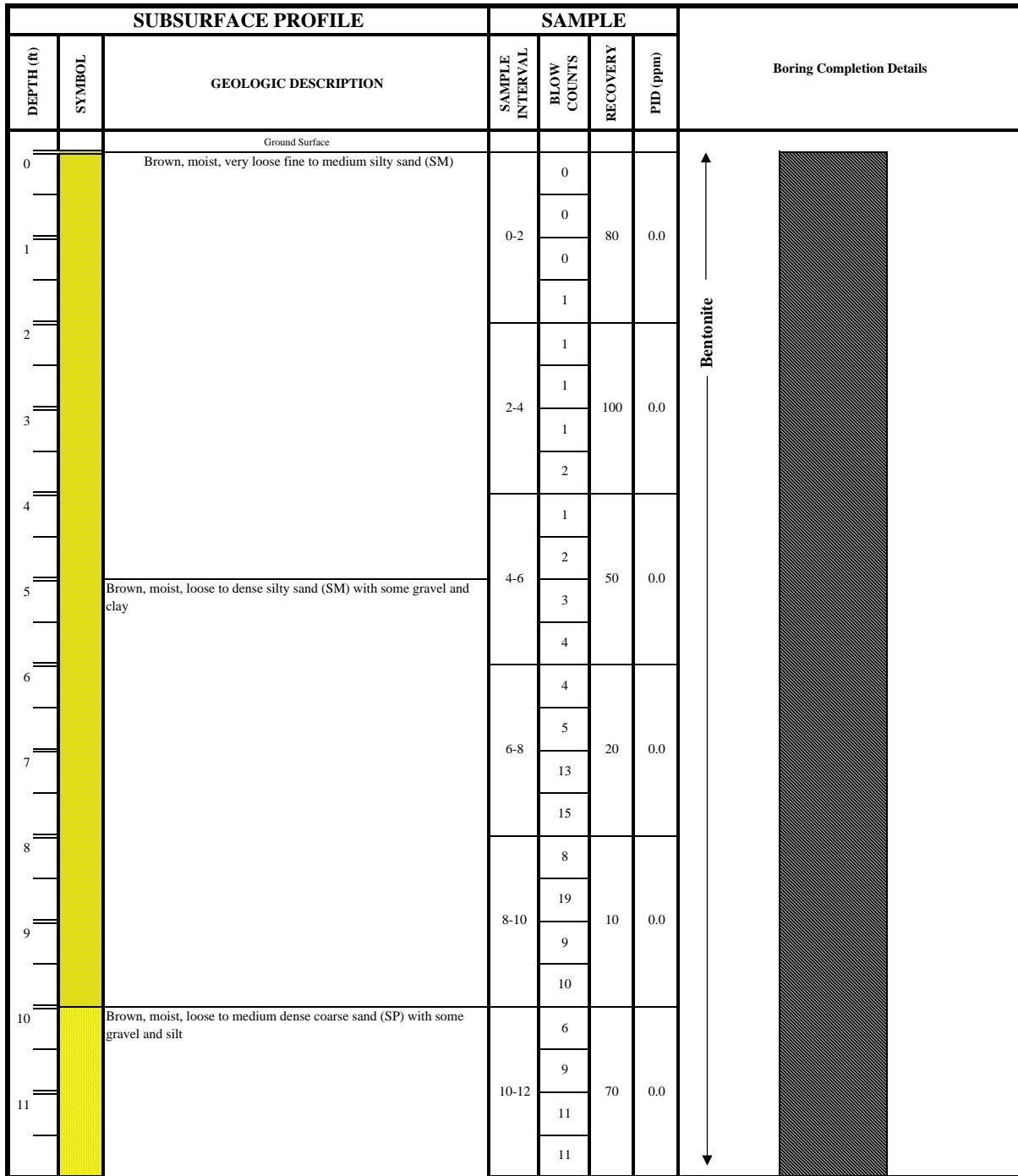


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-08

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 41 feet

Casing Length: 31 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in silt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Patrick Rohan

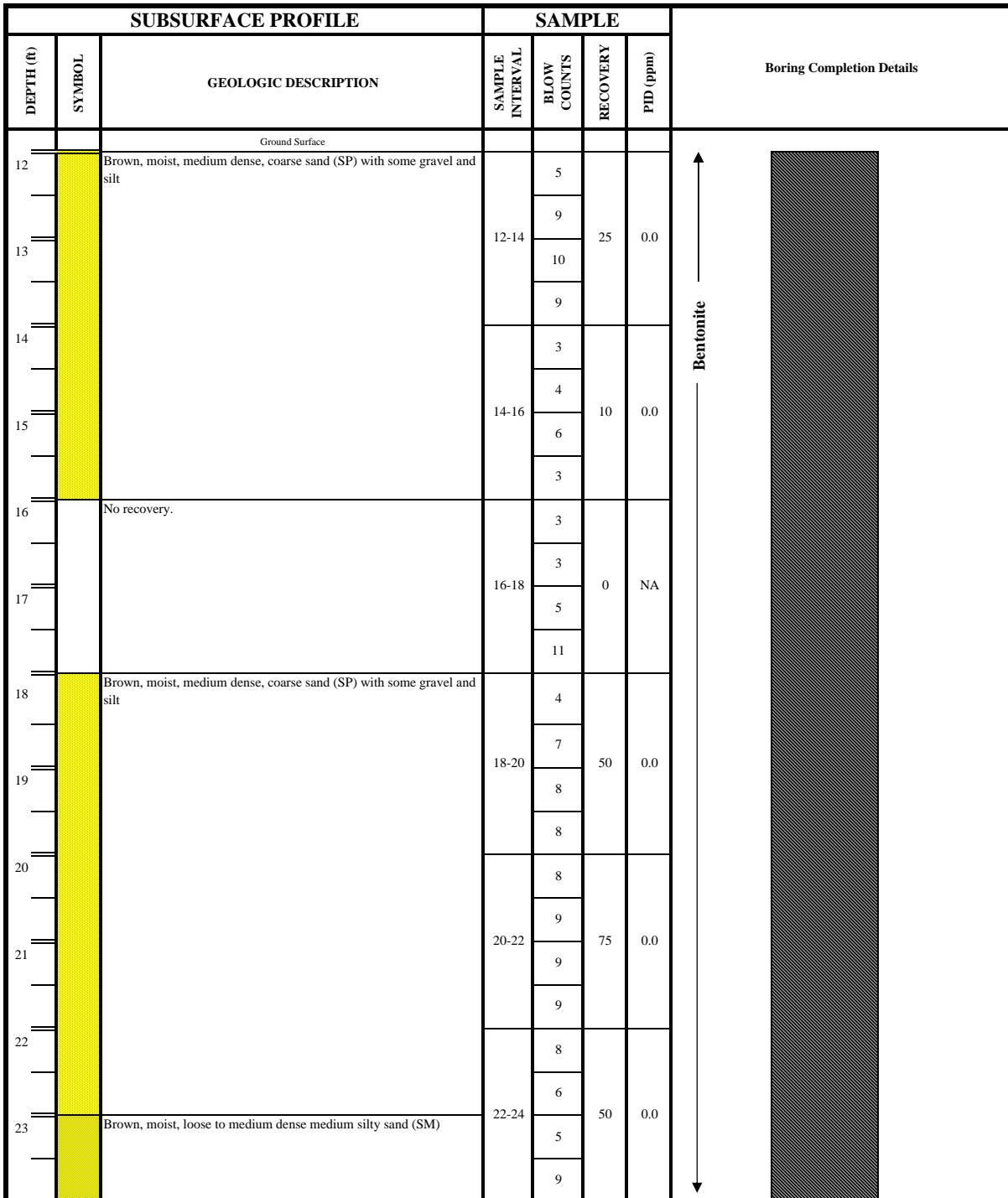


7428 Rockville Rd.
Indianapolis, Indiana 46214

BORING LOG: DR-SB-GP-08

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches

Boring Depth: 41 feet

Casing Length: 31 feet

Screen Length: 10 feet

Diameter: 2 inches

Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt

Sampling Method: Split Spoon

Drill Method: Hollow Stem Auger

Drilled By: Environmental Field Services

Geologist: Patrick Rohan



7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-08

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600.Duncan.02

SUBSURFACE PROFILE		SAMPLE				Boring Completion Details
DEPTH (ft)	SYMBOL	GEOLOGIC DESCRIPTION	SAMPLE INTERVAL	BLOW COUNTS	RECOVERY	
					PID (ppm)	
24		Ground Surface				
24		Brown, moist, loose to medium dense medium silty sand (SM)				
25		Grey, moist, hard silty clay (CL) with some sand	24-26	8 12 15 19	90	0.0
26			26-28	7 12 15 21	50	0.0
27		Brown, moist, medium dense to dense coarse sand (SP) with some gravel and silt				
28		Brown, moist, dense to very dense fine sand (SW) with some gravel	28-30	7 12 21 23	75	0.0
29			30-32	17 18 25 31	75	0.0
30			32-34*	8 20 23 24	60	0.0
31						
32		Brown, moist, dense to very dense fine sand (SW) with some gravel				
33						
34		Brown, wet, medium dense to very dense fine sand (SW) with some silt	34-36	6 13 15 16	60	0.0
35						

Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 41 feet
Casing Length: 31 feet
Screen Length: 10 feet
Diameter: 2 inches
Material: Schedule 40 PVC

▼ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

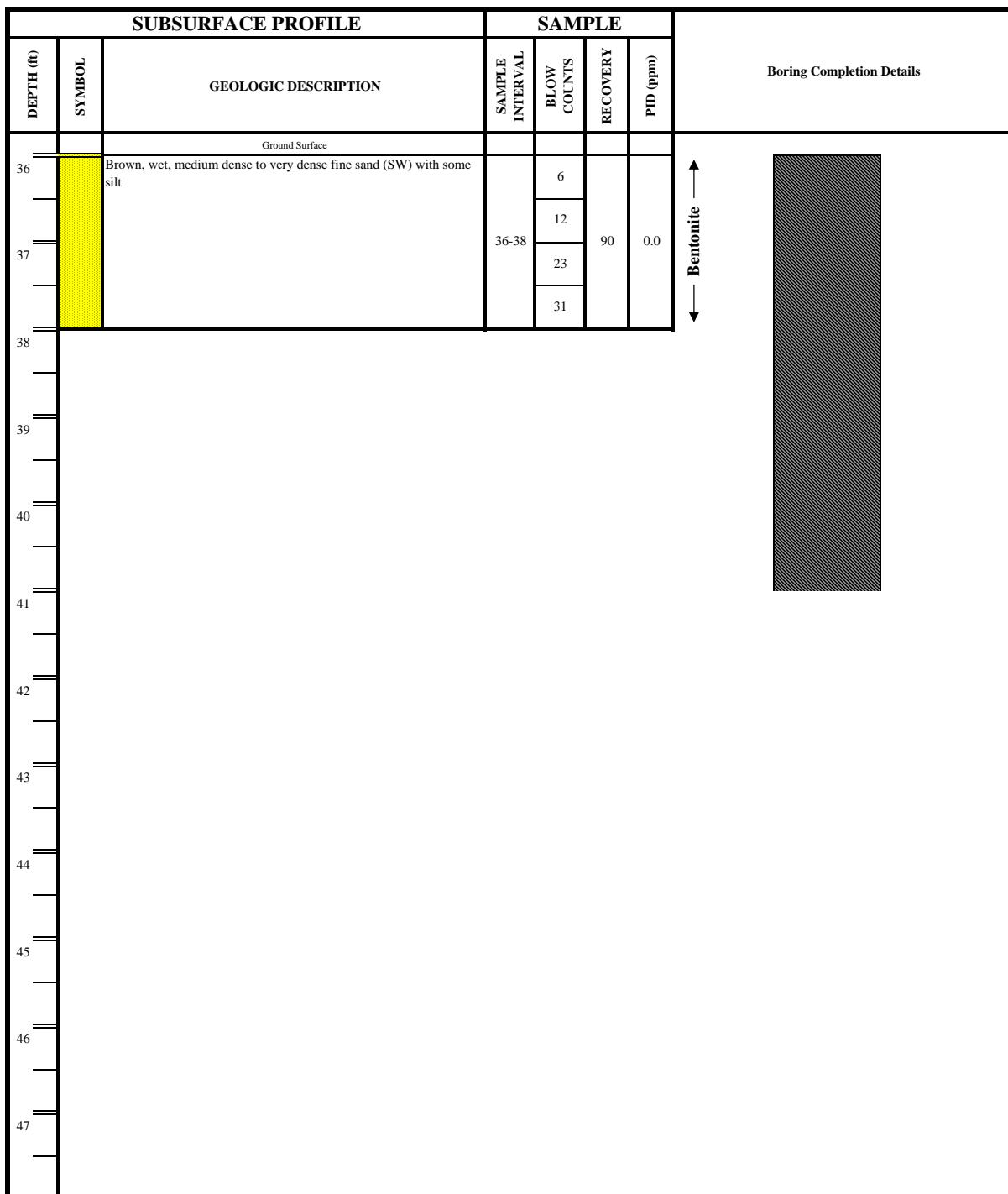


7428 Rockville Rd.
Indianapolis, Indiana 46214

Client Site ID.: 26 Acre Vacant Lot
Site Address: 2600 Duncan Road
City, State, Zip Code: Lafayette, IN 47904

BORING LOG: DR-SB-GP-08

Installation Date: July 1, 2008
Client: GLCDC
IWM Job No: IN.LAF.GLCDC.2600 Duncan.02



Note: * Sample Submitted for laboratory analysis.

Boring Diameter: 2.00 inches
Boring Depth: 41 feet
Casing Length: 31 feet
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Diameter: 2 inches
Material: Schedule 40 PVC

◆ - Indicates depth to groundwater.

Screen Material: Sch 40 PVC, 0.01-in slt
Sampling Method: Split Spoon
Drill Method: Hollow Stem Auger
Drilled By: Environmental Field Services
Geologist: Patrick Rohan

Appendix C
Laboratory Analytical Reports –Soil & Groundwater



July 08, 2008

Mr. Brad Gentry
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

RE: Project: GLCDC Brownfields Project
Pace Project No.: 5016096

Dear Mr. Gentry:

Enclosed are the analytical results for sample(s) received by the laboratory on June 20, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kelly Jones for
Andrew Votaw
andrew.votaw@pacelabs.com
Project Manager

Illinois/NELAC Certification Number: 100418
Indiana Certification Number: C-49-06
Kansas Certification Number: E-10247
Kentucky Certification Number: 0042
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification Number: 330

Enclosures

REPORT OF LABORATORY ANALYSIS

Page 1 of 31

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SAMPLE SUMMARY

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5016096001	DR-SB-GP-01	Solid	06/19/08 17:20	06/20/08 10:50
5016096002	DR-SB-GP-03	Solid	06/19/08 14:25	06/20/08 10:50
5016096003	DR-SB-GP-FD	Solid	06/19/08 08:00	06/20/08 10:50
5016096004	DR-SB-TB	Water	06/19/08 08:00	06/20/08 10:50

REPORT OF LABORATORY ANALYSIS

Page 2 of 31

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SAMPLE ANALYTE COUNT

Project: GLCDC Brownfields Project
Pace Project No.: 5016096

Lab ID	Sample ID	Method	Analysts	Analytics Reported
5016096001	DR-SB-GP-01	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016096002	DR-SB-GP-03	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016096003	DR-SB-GP-FD	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016096004	DR-SB-TB	EPA 8260	JLF	73

REPORT OF LABORATORY ANALYSIS

Page 3 of 31

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-01 Lab ID: 5016096001 Collected: 06/19/08 17:20 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546								
TPH-ERO	ND mg/kg		10.6	1	06/23/08 00:00	06/23/08 19:41		
n-Pentacosane (S)	86 %		45-170	1	06/23/08 00:00	06/23/08 19:41	629-99-2	
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/kg		37.2	1	06/30/08 00:00	07/07/08 11:44	11096-82-5	
Tetrachloro-m-xylene (S)	69 %		20-130	1	06/30/08 00:00	07/07/08 11:44	877-09-8	
8015 Gasoline Range Organics Analytical Method: EPA 8015 Mod Pur								
Gasoline Range Organics	ND mg/kg		1.2	1		07/02/08 07:45		
4-Bromofluorobenzene (S)	97 %		40-159	1		07/02/08 07:45	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	3.1 mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7440-38-2	
Barium	8.4 mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7440-39-3	
Cadmium	ND mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7440-43-9	
Chromium	4.7 mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7440-47-3	
Lead	2.1 mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7439-92-1	
Selenium	ND mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7782-49-2	
Silver	ND mg/kg		2.0	1	06/25/08 00:00	06/26/08 23:58	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	ND mg/kg		0.35	1	06/24/08 00:00	06/26/08 10:16	7439-97-6	
8270 MSSV PAH by SIM 5ML Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Benzo(a)anthracene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	56-55-3	
Benzo(a)pyrene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	207-08-9	
Chrysene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	193-39-5	
Naphthalene	ND ug/kg		26.5	1	06/24/08 10:55	06/26/08 23:39	91-20-3	
2-Fluorobiphenyl (S)	66 %		45-120	1	06/24/08 10:55	06/26/08 23:39	321-60-8	
Terphenyl-d14 (S)	70 %		41-120	1	06/24/08 10:55	06/26/08 23:39	1718-51-0	
8260 MSV 5035A VOA Analytical Method: EPA 8260								
Acetone	ND ug/kg		100	1		07/02/08 06:14	67-64-1	
Acrolein	ND ug/kg		100	1		07/02/08 06:14	107-02-8	
Acrylonitrile	ND ug/kg		100	1		07/02/08 06:14	107-13-1	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-01 Lab ID: 5016096001 Collected: 06/19/08 17:20 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Benzene	ND ug/kg		5.0	1		07/02/08 06:14	71-43-2	
Bromobenzene	ND ug/kg		5.0	1		07/02/08 06:14	108-86-1	
Bromochloromethane	ND ug/kg		5.0	1		07/02/08 06:14	74-97-5	
Bromodichloromethane	ND ug/kg		5.0	1		07/02/08 06:14	75-27-4	
Bromoform	ND ug/kg		5.0	1		07/02/08 06:14	75-25-2	
Bromomethane	ND ug/kg		5.0	1		07/02/08 06:14	74-83-9	
2-Butanone (MEK)	ND ug/kg		25.0	1		07/02/08 06:14	78-93-3	
n-Butylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	104-51-8	
sec-Butylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	135-98-8	
tert-Butylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	98-06-6	
Carbon disulfide	ND ug/kg		10	1		07/02/08 06:14	75-15-0	
Carbon tetrachloride	ND ug/kg		5.0	1		07/02/08 06:14	56-23-5	
Chlorobenzene	ND ug/kg		5.0	1		07/02/08 06:14	108-90-7	
Chloroethane	ND ug/kg		5.0	1		07/02/08 06:14	75-00-3	
Chloroform	ND ug/kg		5.0	1		07/02/08 06:14	67-66-3	
Chloromethane	ND ug/kg		5.0	1		07/02/08 06:14	74-87-3	
2-Chlorotoluene	ND ug/kg		5.0	1		07/02/08 06:14	95-49-8	
4-Chlorotoluene	ND ug/kg		5.0	1		07/02/08 06:14	106-43-4	
Dibromochloromethane	ND ug/kg		5.0	1		07/02/08 06:14	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.0	1		07/02/08 06:14	106-93-4	
Dibromomethane	ND ug/kg		5.0	1		07/02/08 06:14	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.0	1		07/02/08 06:14	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.0	1		07/02/08 06:14	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.0	1		07/02/08 06:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		100	1		07/02/08 06:14	110-57-6	
Dichlorodifluoromethane	ND ug/kg		5.0	1		07/02/08 06:14	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.0	1		07/02/08 06:14	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.0	1		07/02/08 06:14	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.0	1		07/02/08 06:14	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.0	1		07/02/08 06:14	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.0	1		07/02/08 06:14	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.0	1		07/02/08 06:14	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.0	1		07/02/08 06:14	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.0	1		07/02/08 06:14	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.0	1		07/02/08 06:14	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.0	1		07/02/08 06:14	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.0	1		07/02/08 06:14	10061-02-6	
Ethylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	100-41-4	
Ethyl methacrylate	ND ug/kg		10	1		07/02/08 06:14	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		5.0	1		07/02/08 06:14	87-68-3	
n-Hexane	ND ug/kg		5.0	1		07/02/08 06:14	110-54-3	
2-Hexanone	ND ug/kg		100	1		07/02/08 06:14	591-78-6	
Iodomethane	ND ug/kg		100	1		07/02/08 06:14	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		5.0	1		07/02/08 06:14	98-82-8	
p-Isopropyltoluene	ND ug/kg		5.0	1		07/02/08 06:14	99-87-6	
Methylene chloride	ND ug/kg		20.0	1		07/02/08 06:14	75-09-2	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-01 Lab ID: **5016096001** Collected: 06/19/08 17:20 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND ug/kg		25.0	1		07/02/08 06:14	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		5.0	1		07/02/08 06:14	1634-04-4	
Naphthalene	ND ug/kg		5.0	1		07/02/08 06:14	91-20-3	
n-Propylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	103-65-1	
Styrene	ND ug/kg		5.0	1		07/02/08 06:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		5.0	1		07/02/08 06:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		5.0	1		07/02/08 06:14	79-34-5	
Tetrachloroethene	ND ug/kg		5.0	1		07/02/08 06:14	127-18-4	
Toluene	ND ug/kg		5.0	1		07/02/08 06:14	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		5.0	1		07/02/08 06:14	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		5.0	1		07/02/08 06:14	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		5.0	1		07/02/08 06:14	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		5.0	1		07/02/08 06:14	79-00-5	
Trichloroethene	ND ug/kg		5.0	1		07/02/08 06:14	79-01-6	
Trichlorofluoromethane	ND ug/kg		5.0	1		07/02/08 06:14	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		5.0	1		07/02/08 06:14	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		5.0	1		07/02/08 06:14	108-67-8	
Vinyl acetate	ND ug/kg		100	1		07/02/08 06:14	108-05-4	
Vinyl chloride	ND ug/kg		5.0	1		07/02/08 06:14	75-01-4	
Xylene (Total)	ND ug/kg		10	1		07/02/08 06:14	1330-20-7	
Dibromofluoromethane (S)	104 %		80-124	1		07/02/08 06:14	1868-53-7	
Toluene-d8 (S)	102 %		58-145	1		07/02/08 06:14	2037-26-5	
4-Bromofluorobenzene (S)	95 %		61-131	1		07/02/08 06:14	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	5.8 %		0.10	1		06/25/08 14:20		

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-03 Lab ID: **5016096002** Collected: 06/19/08 14:25 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546								
TPH-ERO	ND mg/kg		10.6	1	06/23/08 00:00	06/23/08 19:48		
n-Pentacosane (S)	78 %		45-170	1	06/23/08 00:00	06/23/08 19:48	629-99-2	
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/kg		37.0	1	06/30/08 00:00	07/07/08 11:52	11096-82-5	
Tetrachloro-m-xylene (S)	62 %		20-130	1	06/30/08 00:00	07/07/08 11:52	877-09-8	
8015 Gasoline Range Organics Analytical Method: EPA 8015 Mod Pur								
Gasoline Range Organics	ND mg/kg		1.3	1		07/02/08 08:31		
4-Bromofluorobenzene (S)	95 %		40-159	1		07/02/08 08:31	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	2.4 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7440-38-2	
Barium	12.3 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7440-39-3	
Cadmium	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7440-43-9	
Chromium	3.4 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7440-47-3	
Lead	2.1 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7439-92-1	
Selenium	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7782-49-2	
Silver	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:04	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	ND mg/kg		0.36	1	06/24/08 00:00	06/26/08 10:17	7439-97-6	
8270 MSSV PAH by SIM 5ML Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Benzo(a)anthracene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	56-55-3	
Benzo(a)pyrene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	207-08-9	
Chrysene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	193-39-5	
Naphthalene	ND ug/kg		26.4	1	06/24/08 10:55	06/27/08 00:01	91-20-3	
2-Fluorobiphenyl (S)	70 %		45-120	1	06/24/08 10:55	06/27/08 00:01	321-60-8	
Terphenyl-d14 (S)	73 %		41-120	1	06/24/08 10:55	06/27/08 00:01	1718-51-0	
8260 MSV 5035A VOA Analytical Method: EPA 8260								
Acetone	ND ug/kg		118	1		07/02/08 06:50	67-64-1	
Acrolein	ND ug/kg		118	1		07/02/08 06:50	107-02-8	
Acrylonitrile	ND ug/kg		118	1		07/02/08 06:50	107-13-1	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-03 Lab ID: **5016096002** Collected: 06/19/08 14:25 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Benzene	ND ug/kg		5.9	1		07/02/08 06:50	71-43-2	
Bromobenzene	ND ug/kg		5.9	1		07/02/08 06:50	108-86-1	
Bromochloromethane	ND ug/kg		5.9	1		07/02/08 06:50	74-97-5	
Bromodichloromethane	ND ug/kg		5.9	1		07/02/08 06:50	75-27-4	
Bromoform	ND ug/kg		5.9	1		07/02/08 06:50	75-25-2	
Bromomethane	ND ug/kg		5.9	1		07/02/08 06:50	74-83-9	
2-Butanone (MEK)	ND ug/kg		29.4	1		07/02/08 06:50	78-93-3	
n-Butylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	104-51-8	
sec-Butylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	135-98-8	
tert-Butylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	98-06-6	
Carbon disulfide	ND ug/kg		11.8	1		07/02/08 06:50	75-15-0	
Carbon tetrachloride	ND ug/kg		5.9	1		07/02/08 06:50	56-23-5	
Chlorobenzene	ND ug/kg		5.9	1		07/02/08 06:50	108-90-7	
Chloroethane	ND ug/kg		5.9	1		07/02/08 06:50	75-00-3	
Chloroform	ND ug/kg		5.9	1		07/02/08 06:50	67-66-3	
Chloromethane	ND ug/kg		5.9	1		07/02/08 06:50	74-87-3	
2-Chlorotoluene	ND ug/kg		5.9	1		07/02/08 06:50	95-49-8	
4-Chlorotoluene	ND ug/kg		5.9	1		07/02/08 06:50	106-43-4	
Dibromochloromethane	ND ug/kg		5.9	1		07/02/08 06:50	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.9	1		07/02/08 06:50	106-93-4	
Dibromomethane	ND ug/kg		5.9	1		07/02/08 06:50	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.9	1		07/02/08 06:50	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.9	1		07/02/08 06:50	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.9	1		07/02/08 06:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		118	1		07/02/08 06:50	110-57-6	
Dichlorodifluoromethane	ND ug/kg		5.9	1		07/02/08 06:50	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.9	1		07/02/08 06:50	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.9	1		07/02/08 06:50	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.9	1		07/02/08 06:50	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.9	1		07/02/08 06:50	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.9	1		07/02/08 06:50	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.9	1		07/02/08 06:50	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.9	1		07/02/08 06:50	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.9	1		07/02/08 06:50	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.9	1		07/02/08 06:50	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.9	1		07/02/08 06:50	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.9	1		07/02/08 06:50	10061-02-6	
Ethylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	100-41-4	
Ethyl methacrylate	ND ug/kg		11.8	1		07/02/08 06:50	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		5.9	1		07/02/08 06:50	87-68-3	
n-Hexane	ND ug/kg		5.9	1		07/02/08 06:50	110-54-3	
2-Hexanone	ND ug/kg		118	1		07/02/08 06:50	591-78-6	
Iodomethane	ND ug/kg		118	1		07/02/08 06:50	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		5.9	1		07/02/08 06:50	98-82-8	
p-Isopropyltoluene	ND ug/kg		5.9	1		07/02/08 06:50	99-87-6	
Methylene chloride	ND ug/kg		23.6	1		07/02/08 06:50	75-09-2	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-03 Lab ID: **5016096002** Collected: 06/19/08 14:25 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND ug/kg		29.4	1		07/02/08 06:50	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		5.9	1		07/02/08 06:50	1634-04-4	
Naphthalene	ND ug/kg		5.9	1		07/02/08 06:50	91-20-3	
n-Propylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	103-65-1	
Styrene	ND ug/kg		5.9	1		07/02/08 06:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		5.9	1		07/02/08 06:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		5.9	1		07/02/08 06:50	79-34-5	
Tetrachloroethene	ND ug/kg		5.9	1		07/02/08 06:50	127-18-4	
Toluene	ND ug/kg		5.9	1		07/02/08 06:50	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		5.9	1		07/02/08 06:50	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		5.9	1		07/02/08 06:50	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		5.9	1		07/02/08 06:50	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		5.9	1		07/02/08 06:50	79-00-5	
Trichloroethene	ND ug/kg		5.9	1		07/02/08 06:50	79-01-6	
Trichlorofluoromethane	ND ug/kg		5.9	1		07/02/08 06:50	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		5.9	1		07/02/08 06:50	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		5.9	1		07/02/08 06:50	108-67-8	
Vinyl acetate	ND ug/kg		118	1		07/02/08 06:50	108-05-4	
Vinyl chloride	ND ug/kg		5.9	1		07/02/08 06:50	75-01-4	
Xylene (Total)	ND ug/kg		11.8	1		07/02/08 06:50	1330-20-7	
Dibromofluoromethane (S)	102 %		80-124	1		07/02/08 06:50	1868-53-7	
Toluene-d8 (S)	102 %		58-145	1		07/02/08 06:50	2037-26-5	
4-Bromofluorobenzene (S)	95 %		61-131	1		07/02/08 06:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	5.5 %		0.10	1		06/25/08 14:20		

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-FD Lab ID: 5016096003 Collected: 06/19/08 08:00 Received: 06/20/08 10:50 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546								
TPH-ERO	ND mg/kg		10.7	1	06/23/08 00:00	06/23/08 19:06		
n-Pentacosane (S)	46 %		45-170	1	06/23/08 00:00	06/23/08 19:06	629-99-2	
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/kg		37.4	1	06/30/08 00:00	07/07/08 12:01	11096-82-5	
Tetrachloro-m-xylene (S)	63 %		20-130	1	06/30/08 00:00	07/07/08 12:01	877-09-8	
8015 Gasoline Range Organics Analytical Method: EPA 8015 Mod Pur								
Gasoline Range Organics	ND mg/kg		0.98	1		07/02/08 08:53		
4-Bromofluorobenzene (S)	99 %		40-159	1		07/02/08 08:53	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	2.3 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7440-38-2	
Barium	7.7 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7440-39-3	
Cadmium	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7440-43-9	
Chromium	3.6 mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7440-47-3	
Lead	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7439-92-1	
Selenium	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7782-49-2	
Silver	ND mg/kg		2.0	1	06/25/08 00:00	06/27/08 00:09	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	ND mg/kg		0.37	1	06/24/08 00:00	06/26/08 10:19	7439-97-6	
8270 MSSV PAH by SIM 5ML Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Benzo(a)anthracene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	56-55-3	
Benzo(a)pyrene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	207-08-9	
Chrysene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	193-39-5	
Naphthalene	ND ug/kg		26.7	1	06/24/08 10:55	06/27/08 00:23	91-20-3	
2-Fluorobiphenyl (S)	71 %		45-120	1	06/24/08 10:55	06/27/08 00:23	321-60-8	
Terphenyl-d14 (S)	70 %		41-120	1	06/24/08 10:55	06/27/08 00:23	1718-51-0	
8260 MSV 5035A VOA Analytical Method: EPA 8260								
Acetone	ND ug/kg		85.8	1		07/02/08 07:27	67-64-1	
Acrolein	ND ug/kg		85.8	1		07/02/08 07:27	107-02-8	
Acrylonitrile	ND ug/kg		85.8	1		07/02/08 07:27	107-13-1	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-FD Lab ID: 5016096003 Collected: 06/19/08 08:00 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Benzene	ND ug/kg		4.3	1		07/02/08 07:27	71-43-2	
Bromobenzene	ND ug/kg		4.3	1		07/02/08 07:27	108-86-1	
Bromochloromethane	ND ug/kg		4.3	1		07/02/08 07:27	74-97-5	
Bromodichloromethane	ND ug/kg		4.3	1		07/02/08 07:27	75-27-4	
Bromoform	ND ug/kg		4.3	1		07/02/08 07:27	75-25-2	
Bromomethane	ND ug/kg		4.3	1		07/02/08 07:27	74-83-9	
2-Butanone (MEK)	ND ug/kg		21.5	1		07/02/08 07:27	78-93-3	
n-Butylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	104-51-8	
sec-Butylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	135-98-8	
tert-Butylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	98-06-6	
Carbon disulfide	ND ug/kg		8.6	1		07/02/08 07:27	75-15-0	
Carbon tetrachloride	ND ug/kg		4.3	1		07/02/08 07:27	56-23-5	
Chlorobenzene	ND ug/kg		4.3	1		07/02/08 07:27	108-90-7	
Chloroethane	ND ug/kg		4.3	1		07/02/08 07:27	75-00-3	
Chloroform	ND ug/kg		4.3	1		07/02/08 07:27	67-66-3	
Chloromethane	ND ug/kg		4.3	1		07/02/08 07:27	74-87-3	
2-Chlorotoluene	ND ug/kg		4.3	1		07/02/08 07:27	95-49-8	
4-Chlorotoluene	ND ug/kg		4.3	1		07/02/08 07:27	106-43-4	
Dibromochloromethane	ND ug/kg		4.3	1		07/02/08 07:27	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.3	1		07/02/08 07:27	106-93-4	
Dibromomethane	ND ug/kg		4.3	1		07/02/08 07:27	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.3	1		07/02/08 07:27	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.3	1		07/02/08 07:27	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.3	1		07/02/08 07:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		85.8	1		07/02/08 07:27	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.3	1		07/02/08 07:27	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.3	1		07/02/08 07:27	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.3	1		07/02/08 07:27	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.3	1		07/02/08 07:27	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.3	1		07/02/08 07:27	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.3	1		07/02/08 07:27	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.3	1		07/02/08 07:27	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.3	1		07/02/08 07:27	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.3	1		07/02/08 07:27	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.3	1		07/02/08 07:27	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.3	1		07/02/08 07:27	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.3	1		07/02/08 07:27	10061-02-6	
Ethylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	100-41-4	
Ethyl methacrylate	ND ug/kg		8.6	1		07/02/08 07:27	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.3	1		07/02/08 07:27	87-68-3	
n-Hexane	ND ug/kg		4.3	1		07/02/08 07:27	110-54-3	
2-Hexanone	ND ug/kg		85.8	1		07/02/08 07:27	591-78-6	
Iodomethane	ND ug/kg		85.8	1		07/02/08 07:27	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		4.3	1		07/02/08 07:27	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.3	1		07/02/08 07:27	99-87-6	
Methylene chloride	ND ug/kg		17.2	1		07/02/08 07:27	75-09-2	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-GP-FD Lab ID: 5016096003 Collected: 06/19/08 08:00 Received: 06/20/08 10:50 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND ug/kg		21.5	1		07/02/08 07:27	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.3	1		07/02/08 07:27	1634-04-4	
Naphthalene	ND ug/kg		4.3	1		07/02/08 07:27	91-20-3	
n-Propylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	103-65-1	
Styrene	ND ug/kg		4.3	1		07/02/08 07:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.3	1		07/02/08 07:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.3	1		07/02/08 07:27	79-34-5	
Tetrachloroethene	ND ug/kg		4.3	1		07/02/08 07:27	127-18-4	
Toluene	ND ug/kg		4.3	1		07/02/08 07:27	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.3	1		07/02/08 07:27	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.3	1		07/02/08 07:27	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.3	1		07/02/08 07:27	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.3	1		07/02/08 07:27	79-00-5	
Trichloroethene	ND ug/kg		4.3	1		07/02/08 07:27	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.3	1		07/02/08 07:27	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		4.3	1		07/02/08 07:27	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.3	1		07/02/08 07:27	108-67-8	
Vinyl acetate	ND ug/kg		85.8	1		07/02/08 07:27	108-05-4	
Vinyl chloride	ND ug/kg		4.3	1		07/02/08 07:27	75-01-4	
Xylene (Total)	ND ug/kg		8.6	1		07/02/08 07:27	1330-20-7	
Dibromofluoromethane (S)	103 %		80-124	1		07/02/08 07:27	1868-53-7	
Toluene-d8 (S)	104 %		58-145	1		07/02/08 07:27	2037-26-5	
4-Bromofluorobenzene (S)	97 %		61-131	1		07/02/08 07:27	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	6.3 %		0.10	1		06/25/08 14:20		

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-TB	Lab ID: 5016096004	Collected: 06/19/08 08:00	Received: 06/20/08 10:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/01/08 12:18	67-64-1	
Acrolein	ND ug/L		100	1		07/01/08 12:18	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/01/08 12:18	107-13-1	
Benzene	ND ug/L		5.0	1		07/01/08 12:18	71-43-2	
Bromobenzene	ND ug/L		5.0	1		07/01/08 12:18	108-86-1	
Bromoform	ND ug/L		5.0	1		07/01/08 12:18	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/01/08 12:18	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/01/08 12:18	75-25-2	
Bromoform	ND ug/L		5.0	1		07/01/08 12:18	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/01/08 12:18	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/01/08 12:18	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/01/08 12:18	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/01/08 12:18	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/01/08 12:18	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/01/08 12:18	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/01/08 12:18	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/01/08 12:18	75-00-3	
Chloroform	ND ug/L		5.0	1		07/01/08 12:18	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/01/08 12:18	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/01/08 12:18	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/01/08 12:18	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/01/08 12:18	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/01/08 12:18	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/01/08 12:18	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/01/08 12:18	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/01/08 12:18	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/01/08 12:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/01/08 12:18	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/01/08 12:18	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/01/08 12:18	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/01/08 12:18	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/01/08 12:18	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/01/08 12:18	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/01/08 12:18	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/01/08 12:18	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/01/08 12:18	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/01/08 12:18	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/01/08 12:18	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/01/08 12:18	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/01/08 12:18	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/01/08 12:18	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/01/08 12:18	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/01/08 12:18	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/01/08 12:18	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/01/08 12:18	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/01/08 12:18	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/01/08 12:18	98-82-8	

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ANALYTICAL RESULTS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Sample: DR-SB-TB	Lab ID: 5016096004	Collected: 06/19/08 08:00	Received: 06/20/08 10:50	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		07/01/08 12:18	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		07/01/08 12:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		07/01/08 12:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		07/01/08 12:18	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		07/01/08 12:18	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/01/08 12:18	103-65-1	
Styrene	ND	ug/L	5.0	1		07/01/08 12:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/01/08 12:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/01/08 12:18	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/01/08 12:18	127-18-4	
Toluene	ND	ug/L	5.0	1		07/01/08 12:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/01/08 12:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/01/08 12:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/01/08 12:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/01/08 12:18	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/01/08 12:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/01/08 12:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/01/08 12:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/01/08 12:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/01/08 12:18	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/01/08 12:18	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/01/08 12:18	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/01/08 12:18	1330-20-7	
Dibromofluoromethane (S)	107 %		80-123	1		07/01/08 12:18	1868-53-7	
4-Bromofluorobenzene (S)	95 %		70-126	1		07/01/08 12:18	460-00-4	
Toluene-d8 (S)	104 %		80-116	1		07/01/08 12:18	2037-26-5	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch: OEXT/8025 Analysis Method: EPA 8015 Mod Ext
QC Batch Method: EPA 3546 Analysis Description: EPA 8015 Modified

Associated Lab Samples: 5016096001, 5016096002, 5016096003

METHOD BLANK: 178030

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
TPH-ERO	mg/kg	ND	10.0	
n-Pentacosane (S)	%	84	45-170	

LABORATORY CONTROL SAMPLE: 178031

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-ERO	mg/kg	83.3	62.4	75	41-139	
n-Pentacosane (S)	%			78	45-170	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178032 178033

Parameter	Units	5016051001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD RPD	Max Qual
TPH-ERO	mg/kg	568	91.9	91.9	754	502	202	-72	40-146	40	20
n-Pentacosane (S)	%					72	84	45-170			20

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	OEXT/8038	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270 MSSV PAH by SIM
Associated Lab Samples:	5016096001, 5016096002, 5016096003		

METHOD BLANK: 178258

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzo(a)anthracene	ug/kg	ND	25.0	
Benzo(a)pyrene	ug/kg	ND	25.0	
Benzo(b)fluoranthene	ug/kg	ND	25.0	
Benzo(k)fluoranthene	ug/kg	ND	25.0	
Chrysene	ug/kg	ND	25.0	
Dibenz(a,h)anthracene	ug/kg	ND	25.0	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	25.0	
Naphthalene	ug/kg	ND	25.0	
2-Fluorobiphenyl (S)	%	86	45-120	
Terphenyl-d14 (S)	%	95	41-120	

LABORATORY CONTROL SAMPLE: 178259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	1670	1340	80	55-125	
Benzo(a)pyrene	ug/kg	1670	1380	83	46-140	
Benzo(b)fluoranthene	ug/kg	1670	1400	84	46-137	
Benzo(k)fluoranthene	ug/kg	1670	1500	90	44-132	
Chrysene	ug/kg	1670	1450	87	54-121	
Dibenz(a,h)anthracene	ug/kg	1670	1310	78	44-133	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1250	75	42-133	
Naphthalene	ug/kg	1670	1360	81	48-117	
2-Fluorobiphenyl (S)	%			89	45-120	
Terphenyl-d14 (S)	%			96	41-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178260 178261

Parameter	Units	5016097002 Result	MS	MSD	MS Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
			Spike Conc.	Spike Conc.							
Benzo(a)anthracene	ug/kg	ND	1770	1770	1140	1110	64	63	20-134	3	20
Benzo(a)pyrene	ug/kg	ND	1770	1770	1170	1130	66	64	20-137	3	20
Benzo(b)fluoranthene	ug/kg	ND	1770	1770	1190	1180	68	67	20-138	1	20
Benzo(k)fluoranthene	ug/kg	ND	1770	1770	1260	1200	71	68	15-136	4	20
Chrysene	ug/kg	ND	1770	1770	1240	1210	70	68	16-136	2	20
Dibenz(a,h)anthracene	ug/kg	ND	1770	1770	1060	1030	60	58	15-129	3	20
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1770	1770	1000	969	57	55	10-129	3	20
Naphthalene	ug/kg	ND	1770	1770	1170	1150	66	65	18-137	2	20
2-Fluorobiphenyl (S)	%						72	71	45-120		20
Terphenyl-d14 (S)	%						78	75	41-120		20

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	MERP/1680	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples:	5016096001, 5016096002, 5016096003		

METHOD BLANK: 178733

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/kg	ND	0.33	

LABORATORY CONTROL SAMPLE: 178734

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.51	103	85-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178735 178736

Parameter	Units	5016097002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Mercury	mg/kg	ND	.55	.55	0.58	0.58	105	105	50-150	0	20	

QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch: MPRP/3094 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET

Associated Lab Samples: 5016096001, 5016096002, 5016096003

METHOD BLANK: 178891

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/kg	ND	2.0	
Barium	mg/kg	ND	2.0	
Cadmium	mg/kg	ND	2.0	
Chromium	mg/kg	ND	2.0	
Lead	mg/kg	ND	2.0	
Selenium	mg/kg	ND	2.0	
Silver	mg/kg	ND	2.0	

LABORATORY CONTROL SAMPLE: 178892

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	48.4	97	85-118	
Barium	mg/kg	50	50.3	101	84-118	
Cadmium	mg/kg	50	48.5	97	83-115	
Chromium	mg/kg	50	46.6	93	82-117	
Lead	mg/kg	50	48.3	97	83-116	
Selenium	mg/kg	50	47.4	95	82-116	
Silver	mg/kg	25	25.3	101	77-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178893 178894

Parameter	Units	MS Spike		MSD Spike		MS Result	MS % Rec	MSD Result	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
		5016097002	Result	Conc.	Conc.								
Arsenic	mg/kg	4.3	52	52.5	46.9	44.2	82	76	70-127	6	20		
Barium	mg/kg	14.3	52	52.5	71.3	55.2	110	78	60-140	25	20	1d	
Cadmium	mg/kg	ND	52	52.5	38.9	36.4	75	69	65-120	7	20		
Chromium	mg/kg	6.6	52	52.5	47.5	49.1	79	81	60-130	3	20		
Lead	mg/kg	8.9	52	52.5	47.8	46.8	75	72	60-140	2	20		
Selenium	mg/kg	ND	52	52.5	42.3	37.9	80	71	60-130	11	20		
Silver	mg/kg	ND	26	26.3	24.2	22.5	93	86	70-130	7	20		

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	PMST/2603	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples: 5016096001, 5016096002, 5016096003			

SAMPLE DUPLICATE: 179071

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.7	17.3	2	5	

SAMPLE DUPLICATE: 179072

Parameter	Units	Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.5	18.9	8	5	R2

QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	OEXT/8146	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	5016096001, 5016096002, 5016096003		

METHOD BLANK: 181011

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	35.0	
PCB-1221 (Aroclor 1221)	ug/kg	ND	35.0	
PCB-1232 (Aroclor 1232)	ug/kg	ND	35.0	
PCB-1242 (Aroclor 1242)	ug/kg	ND	35.0	
PCB-1248 (Aroclor 1248)	ug/kg	ND	35.0	
PCB-1254 (Aroclor 1254)	ug/kg	ND	35.0	
PCB-1260 (Aroclor 1260)	ug/kg	ND	35.0	
Tetrachloro-m-xylene (S)	%	81	20-130	

LABORATORY CONTROL SAMPLE: 181012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	167	143	86	46-129	
PCB-1260 (Aroclor 1260)	ug/kg	167	144	86	46-129	
Tetrachloro-m-xylene (S)	%			79	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 181013 181014

Parameter	Units	5016065001 Result	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec	Max
			Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD RPD
PCB-1016 (Aroclor 1016)	ug/kg	ND	167	167	ND	ND	0	0	50-150	20 2d
PCB-1260 (Aroclor 1260)	ug/kg	ND	167	167	ND	ND	0	0	50-150	20 2d,3d
Tetrachloro-m-xylene (S)	%						0	0	20-130	20 S0

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	MSV/9946	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	5016096004		

METHOD BLANK: 182127

Associated Lab Samples: 5016096004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,1-Dichloropropene	ug/L	ND	5.0	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	
1,2,3-Trichloropropane	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,3-Dichloropropane	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2,2-Dichloropropane	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Chlorotoluene	ug/L	ND	5.0	
2-Hexanone	ug/L	ND	25.0	
4-Chlorotoluene	ug/L	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Acrolein	ug/L	ND	100	
Acrylonitrile	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromobenzene	ug/L	ND	5.0	
Bromochloromethane	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Dibromochloromethane	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

METHOD BLANK: 182127

Associated Lab Samples: 5016096004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromomethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethyl methacrylate	ug/L	ND	100	
Ethylbenzene	ug/L	ND	5.0	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	
Iodomethane	ug/L	ND	10.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylene chloride	ug/L	ND	5.0	
n-Butylbenzene	ug/L	ND	5.0	
n-Hexane	ug/L	ND	5.0	
n-Propylbenzene	ug/L	ND	5.0	
Naphthalene	ug/L	ND	5.0	
p-Isopropyltoluene	ug/L	ND	5.0	
sec-Butylbenzene	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
tert-Butylbenzene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	
trans-1,3-Dichloropropene	ug/L	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl acetate	ug/L	ND	10.0	
Vinyl chloride	ug/L	ND	2.0	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	97	70-126	
Dibromofluoromethane (S)	%	105	80-123	
Toluene-d8 (S)	%	103	80-116	

LABORATORY CONTROL SAMPLE: 182128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.7	109	69-130	
1,1,1-Trichloroethane	ug/L	50	62.1	124	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	69-131	
1,1,2-Trichloroethane	ug/L	50	58.2	116	77-132	
1,1-Dichloroethane	ug/L	50	54.9	110	67-133	
1,1-Dichloroethene	ug/L	50	59.8	120	63-128	
1,1-Dichloropropene	ug/L	50	60.5	121	75-134	
1,2,3-Trichlorobenzene	ug/L	50	50.5	101	58-131	
1,2,3-Trichloropropane	ug/L	50	41.6	83	60-131	
1,2,4-Trichlorobenzene	ug/L	50	52.8	106	60-130	
1,2,4-Trimethylbenzene	ug/L	50	56.1	112	73-130	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

LABORATORY CONTROL SAMPLE: 182128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	52.2	104	75-126	
1,2-Dichlorobenzene	ug/L	50	54.1	108	76-124	
1,2-Dichloroethane	ug/L	50	59.6	119	69-139	
1,2-Dichloropropane	ug/L	50	56.3	113	76-129	
1,3,5-Trimethylbenzene	ug/L	50	58.1	116	74-130	
1,3-Dichlorobenzene	ug/L	50	56.4	113	76-125	
1,3-Dichloropropane	ug/L	50	54.4	109	74-126	
1,4-Dichlorobenzene	ug/L	50	53.7	107	75-122	
2,2-Dichloropropane	ug/L	50	43.6	87	53-144	
2-Butanone (MEK)	ug/L	250	359	144	47-189	
2-Chlorotoluene	ug/L	50	56.3	113	72-128	
2-Hexanone	ug/L	250	318	127	57-167	
4-Chlorotoluene	ug/L	50	59.6	119	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	228	91	61-135	
Acetone	ug/L	250	583	233	30-170 L3	
Acrolein	ug/L	1000	4380	438	30-170 L3	
Acrylonitrile	ug/L	1000	976	98	67-136	
Benzene	ug/L	50	57.0	114	78-127	
Bromobenzene	ug/L	50	51.6	103	62-139	
Bromochloromethane	ug/L	50	61.8	124	54-162	
Bromodichloromethane	ug/L	50	62.0	124	69-133	
Bromoform	ug/L	50	56.3	113	60-127	
Bromomethane	ug/L	50	48.8	98	30-170	
Carbon disulfide	ug/L	100	111	111	58-152	
Carbon tetrachloride	ug/L	50	61.4	123	62-143	
Chlorobenzene	ug/L	50	55.2	110	75-123	
Chloroethane	ug/L	50	49.5	99	56-153	
Chloroform	ug/L	50	55.5	111	74-131	
Chloromethane	ug/L	50	49.5	99	35-147	
cis-1,2-Dichloroethene	ug/L	50	58.2	116	74-128	
cis-1,3-Dichloropropene	ug/L	50	52.7	105	58-123	
Dibromochloromethane	ug/L	50	59.8	120	66-131	
Dibromomethane	ug/L	50	56.3	113	73-133	
Dichlorodifluoromethane	ug/L	50	45.8	92	30-170	
Ethyl methacrylate	ug/L	50	48.5J	97	59-138	
Ethylbenzene	ug/L	50	58.4	117	81-126	
Hexachloro-1,3-butadiene	ug/L	50	53.6	107	70-130	
Iodomethane	ug/L	100	129	129	41-170	
Isopropylbenzene (Cumene)	ug/L	50	58.2	116	80-130	
Methyl-tert-butyl ether	ug/L	100	101	101	66-147	
Methylene chloride	ug/L	50	62.5	125	32-164	
n-Butylbenzene	ug/L	50	60.8	122	68-135	
n-Hexane	ug/L	50	57.4	115	69-157	
n-Propylbenzene	ug/L	50	59.7	119	71-132	
Naphthalene	ug/L	50	50.9	102	61-135	
p-Isopropyltoluene	ug/L	50	57.7	115	66-131	
sec-Butylbenzene	ug/L	50	58.5	117	73-130	
Styrene	ug/L	50	56.4	113	74-128	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

LABORATORY CONTROL SAMPLE: 182128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	48.3	97	63-117	
Tetrachloroethene	ug/L	50	46.5	93	60-119	
Toluene	ug/L	50	57.6	115	75-129	
trans-1,2-Dichloroethene	ug/L	50	57.8	116	71-126	
trans-1,3-Dichloropropene	ug/L	50	44.2	88	54-123	
trans-1,4-Dichloro-2-butene	ug/L	50	41.8J	84	47-141	
Trichloroethene	ug/L	50	57.6	115	74-130	
Trichlorofluoromethane	ug/L	50	57.3	115	62-150	
Vinyl acetate	ug/L	200	190	95	41-145	
Vinyl chloride	ug/L	50	51.1	102	55-141	
Xylene (Total)	ug/L	150	170	113	76-132	
4-Bromofluorobenzene (S)	%			100	70-126	
Dibromofluoromethane (S)	%			105	80-123	
Toluene-d8 (S)	%			103	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 182129 182130

Parameter	Units	5016101012		MS Spike Conc.		MSD Spike Conc.		MS Result		MSD Result		MS % Rec		MSD % Rec		% Rec Limits		Max RPD		Max RPD		Qual	
		Result	Conc.	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	Result	Conc.	
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	50.1	54.2	100	108	55-131	8	20												
1,1,1-Trichloroethane	ug/L	ND	50	50	57.9	60.5	116	121	64-143	4	20												
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	52.8	55.0	106	110	64-142	4	20												
1,1,2-Trichloroethane	ug/L	ND	50	50	57.3	58.8	115	118	71-143	3	20												
1,1-Dichloroethane	ug/L	ND	50	50	55.8	56.6	112	113	68-139	1	20												
1,1-Dichloroethene	ug/L	ND	50	50	59.7	60.0	119	120	55-140	1	20												
1,1-Dichloropropene	ug/L	ND	50	50	58.4	59.9	117	120	66-140	2	20												
1,2,3-Trichlorobenzene	ug/L	ND	50	50	37.5	46.5	75	93	33-140	21	20												
1,2,3-Trichloropropane	ug/L	ND	50	50	38.6	41.4	77	83	58-133	7	20												
1,2,4-Trichlorobenzene	ug/L	ND	50	50	36.1	45.4	72	91	28-140	23	20												
1,2,4-Trimethylbenzene	ug/L	ND	50	50	40.1	45.7	80	91	39-146	13	20												
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	49.7	53.6	99	107	67-134	8	20												
1,2-Dichlorobenzene	ug/L	ND	50	50	46.2	54.1	92	108	48-137	16	20												
1,2-Dichloroethane	ug/L	ND	50	50	58.0	60.1	116	120	63-148	3	20												
1,2-Dichloropropene	ug/L	ND	50	50	56.5	56.0	113	112	70-136	1	20												
1,3,5-Trimethylbenzene	ug/L	ND	50	50	43.1	49.7	86	99	39-145	14	20												
1,3-Dichlorobenzene	ug/L	ND	50	50	45.1	54.0	90	108	40-143	18	20												
1,3-Dichloropropane	ug/L	ND	50	50	51.6	55.2	103	110	65-133	7	20												
1,4-Dichlorobenzene	ug/L	ND	50	50	42.2	51.2	84	102	38-142	19	20												
2,2-Dichloropropane	ug/L	ND	50	50	32.0	35.1	64	70	35-157	9	20												
2-Butanone (MEK)	ug/L	ND	250	250	229	233	92	93	62-132	2	20												
2-Chlorotoluene	ug/L	ND	50	50	48.5	57.3	97	115	44-143	17	20												
2-Hexanone	ug/L	ND	250	250	225	237	90	95	61-141	5	20												
4-Chlorotoluene	ug/L	ND	50	50	48.0	57.5	96	115	43-140	18	20												
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	222	228	89	91	57-135	2	20												
Acetone	ug/L	ND	250	250	263	267	105	107	30-170	1	20												
Acrolein	ug/L	ND	1000	1000	2410	2440	241	244	30-170	1	20	M0											
Acrylonitrile	ug/L	ND	1000	1000	953	972	95	97	66-137	2	20												

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

Parameter	Units	5016101012		MS		MSD		MS		MSD		% Rec	Limits	Max RPD	Max Qual
		Result	Conc.	Spike	Conc.	Result	MSD	Result	% Rec	MSD	% Rec				
Benzene	ug/L	ND	50	50	56.2	58.0	112	116	63-141	3	20				
Bromobenzene	ug/L	ND	50	50	46.4	52.3	93	105	57-128	12	20				
Bromoform	ug/L	ND	50	50	62.6	63.2	125	126	65-157	1	20				
Bromochloromethane	ug/L	ND	50	50	60.7	63.5	121	127	63-135	5	20				
Bromodichloromethane	ug/L	ND	50	50	51.7	55.8	103	112	58-124	8	20				
Bromomethane	ug/L	ND	50	50	47.4	48.8	95	98	30-170	3	20				
Carbon disulfide	ug/L	ND	100	100	111	111	111	111	46-162	1	20				
Carbon tetrachloride	ug/L	ND	50	50	56.2	59.4	112	119	54-145	5	20				
Chlorobenzene	ug/L	ND	50	50	49.6	55.3	99	111	56-133	11	20				
Chloroethane	ug/L	ND	50	50	51.9	52.0	104	104	54-157	0	20				
Chloroform	ug/L	ND	50	50	54.8	56.4	110	113	67-134	3	20				
Chloromethane	ug/L	ND	50	50	48.5	49.6	97	99	36-137	2	20				
cis-1,2-Dichloroethene	ug/L	ND	50	50	58.4	59.1	117	118	65-132	1	20				
cis-1,3-Dichloropropene	ug/L	ND	50	50	45.1	48.0	90	96	46-121	6	20				
Dibromochloromethane	ug/L	ND	50	50	55.4	57.5	111	115	64-124	4	20				
Dibromomethane	ug/L	ND	50	50	55.3	56.5	111	113	67-144	2	20				
Dichlorodifluoromethane	ug/L	ND	50	50	51.2	50.7	102	101	30-163	1	20				
Ethyl methacrylate	ug/L	ND	50	50	40.5J	42.9J	81	86	52-140	20					
Ethylbenzene	ug/L	ND	50	50	51.2	57.3	102	115	44-151	11	20				
Hexachloro-1,3-butadiene	ug/L	ND	50	50	31.7	48.9	63	98	30-145	43	20				
Iodomethane	ug/L	ND	100	100	126	127	126	127	28-168	1	20				
Isopropylbenzene (Cumene)	ug/L	ND	50	50	48.8	57.7	98	115	40-148	17	20				
Methyl-tert-butyl ether	ug/L	ND	100	100	97.0	100	97	100	52-156	3	20				
Methylene chloride	ug/L	ND	50	50	50.7	54.8	101	110	46-154	8	20				
n-Butylbenzene	ug/L	ND	50	50	41.3	56.9	83	114	27-153	32	20				
n-Hexane	ug/L	ND	50	50	57.1	58.4	114	117	32-176	2	20				
n-Propylbenzene	ug/L	ND	50	50	48.5	58.5	97	117	40-148	19	20				
Naphthalene	ug/L	ND	50	50	41.8	46.5	84	93	44-138	11	20				
p-Isopropyltoluene	ug/L	ND	50	50	42.1	54.2	84	108	34-146	25	20				
sec-Butylbenzene	ug/L	ND	50	50	46.2	58.1	92	116	38-150	23	20	4d			
Styrene	ug/L	ND	50	50	36.6	37.0	73	74	38-141	1	20				
tert-Butylbenzene	ug/L	ND	50	50	41.5	49.5	83	99	32-133	18	20				
Tetrachloroethene	ug/L	ND	50	50	40.6	45.0	81	90	25-146	10	20				
Toluene	ug/L	ND	50	50	54.8	57.8	109	115	59-142	5	20				
trans-1,2-Dichloroethene	ug/L	ND	50	50	56.5	57.5	113	115	60-137	2	20				
trans-1,3-Dichloropropene	ug/L	ND	50	50	35.7	37.5	71	75	43-117	5	20				
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	30.9J	33.3J	62	67	44-139	20					
Trichloroethene	ug/L	ND	50	50	54.7	56.3	109	113	61-137	3	20				
Trichlorofluoromethane	ug/L	ND	50	50	57.4	58.5	115	117	53-162	2	20				
Vinyl acetate	ug/L	ND	200	200	77.3	82.8	39	41	24-132	7	20				
Vinyl chloride	ug/L	ND	50	50	51.9	52.6	104	105	51-144	1	20				
Xylene (Total)	ug/L	ND	150	150	145	164	97	109	44-152	12	20				
4-Bromofluorobenzene (S)	%						98	100	70-126	20					
Dibromofluoromethane (S)	%						105	104	80-123	20					
Toluene-d8 (S)	%						103	103	80-116	20					

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	MSV/9948	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	5016096001, 5016096002, 5016096003		

METHOD BLANK: 182135

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Chlorotoluene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	100	
4-Chlorotoluene	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Acrolein	ug/kg	ND	100	
Acrylonitrile	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

METHOD BLANK: 182135

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromomethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethyl methacrylate	ug/kg	ND	10.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
Iodomethane	ug/kg	ND	100	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
n-Butylbenzene	ug/kg	ND	5.0	
n-Hexane	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	100	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	97	61-131	
Dibromofluoromethane (S)	%	104	80-124	
Toluene-d8 (S)	%	102	58-145	

LABORATORY CONTROL SAMPLE: 182136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	52.5	105	65-124	
1,1,1-Trichloroethane	ug/kg	50	59.3	119	61-135	
1,1,2,2-Tetrachloroethane	ug/kg	50	54.0	108	66-124	
1,1,2-Trichloroethane	ug/kg	50	57.9	116	74-127	
1,1-Dichloroethane	ug/kg	50	53.1	106	62-132	
1,1-Dichloroethene	ug/kg	50	57.4	115	61-123	
1,1-Dichloropropene	ug/kg	50	58.5	117	74-128	
1,2,3-Trichlorobenzene	ug/kg	50	47.4	95	60-125	
1,2,3-Trichloropropane	ug/kg	50	42.2	84	61-120	
1,2,4-Trichlorobenzene	ug/kg	50	46.7	93	58-126	
1,2,4-Trimethylbenzene	ug/kg	50	56.7	113	72-120	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

LABORATORY CONTROL SAMPLE: 182136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	52.8	106	74-119	
1,2-Dichlorobenzene	ug/kg	50	53.5	107	75-117	
1,2-Dichloroethane	ug/kg	50	58.8	118	62-135	
1,2-Dichloropropane	ug/kg	50	54.1	108	74-124	
1,3,5-Trimethylbenzene	ug/kg	50	58.6	117	73-122	
1,3-Dichlorobenzene	ug/kg	50	53.9	108	73-120	
1,3-Dichloropropane	ug/kg	50	53.0	106	71-122	
1,4-Dichlorobenzene	ug/kg	50	50.8	102	72-118	
2,2-Dichloropropane	ug/kg	50	38.8	78	53-136	
2-Butanone (MEK)	ug/kg	250	229	92	33-190	
2-Chlorotoluene	ug/kg	50	56.8	114	72-122	
2-Hexanone	ug/kg	250	232	93	44-168	
4-Chlorotoluene	ug/kg	50	57.3	115	72-120	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	221	88	58-126	
Acetone	ug/kg	250	257	103	30-190	
Acrolein	ug/kg	1000	4170	417	30-190 L3	
Acrylonitrile	ug/kg	1000	946	95	65-129	
Benzene	ug/kg	50	55.5	111	76-123	
Bromobenzene	ug/kg	50	51.5	103	74-116	
Bromochloromethane	ug/kg	50	60.7	121	56-143	
Bromodichloromethane	ug/kg	50	61.0	122	67-123	
Bromoform	ug/kg	50	55.7	111	58-117	
Bromomethane	ug/kg	50	46.7	93	47-147	
Carbon disulfide	ug/kg	100	107	107	56-141	
Carbon tetrachloride	ug/kg	50	58.3	117	54-136	
Chlorobenzene	ug/kg	50	54.0	108	75-115	
Chloroethane	ug/kg	50	48.3	97	57-147	
Chloroform	ug/kg	50	54.1	108	74-123	
Chloromethane	ug/kg	50	46.9	94	31-155	
cis-1,2-Dichloroethene	ug/kg	50	57.0	114	76-119	
cis-1,3-Dichloropropene	ug/kg	50	49.5	99	56-110	
Dibromochloromethane	ug/kg	50	57.0	114	63-122	
Dibromomethane	ug/kg	50	54.8	110	70-127	
Dichlorodifluoromethane	ug/kg	50	41.8	84	30-170	
Ethyl methacrylate	ug/kg	50	48.5	97	58-126	
Ethylbenzene	ug/kg	50	57.1	114	78-121	
Hexachloro-1,3-butadiene	ug/kg	50	51.1	102	65-128	
Iodomethane	ug/kg	100	118	118	38-173	
Isopropylbenzene (Cumene)	ug/kg	50	57.4	115	75-128	
Methyl-tert-butyl ether	ug/kg	100	95.3	95	59-142	
Methylene chloride	ug/kg	50	62.1	124	30-170	
n-Butylbenzene	ug/kg	50	58.3	117	70-123	
n-Hexane	ug/kg	50	55.7	111	76-143	
n-Propylbenzene	ug/kg	50	59.0	118	70-126	
Naphthalene	ug/kg	50	49.0	98	60-128	
p-Isopropyltoluene	ug/kg	50	56.2	112	65-125	
sec-Butylbenzene	ug/kg	50	58.8	118	72-125	
Styrene	ug/kg	50	55.5	111	75-118	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

LABORATORY CONTROL SAMPLE: 182136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	54.0	108	61-114	
Tetrachloroethene	ug/kg	50	44.1	88	63-117	
Toluene	ug/kg	50	57.2	114	72-123	
trans-1,2-Dichloroethene	ug/kg	50	55.1	110	70-122	
trans-1,3-Dichloropropene	ug/kg	50	42.4	85	55-107	
trans-1,4-Dichloro-2-butene	ug/kg	50	36.4J	73	49-127	
Trichloroethene	ug/kg	50	55.6	111	74-121	
Trichlorofluoromethane	ug/kg	50	54.3	109	55-156	
Vinyl acetate	ug/kg	200	178	89	46-127	
Vinyl chloride	ug/kg	50	48.2	96	50-146	
Xylene (Total)	ug/kg	150	169	113	77-120	
4-Bromofluorobenzene (S)	%			98	61-131	
Dibromofluoromethane (S)	%			103	80-124	
Toluene-d8 (S)	%			105	58-145	

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QUALITY CONTROL DATA

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

QC Batch:	GCV/4714	Analysis Method:	EPA 8015 Mod Pur
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QC Batch Method:	EPA 8015 Mod Pur	Analysis Description:	8015 Solid GCV
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Associated Lab Samples: 5016096001, 5016096002, 5016096003

METHOD BLANK: 182167

Associated Lab Samples: 5016096001, 5016096002, 5016096003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Gasoline Range Organics	mg/kg	ND	1.0	
4-Bromofluorobenzene (S)	%	87	40-159	

LABORATORY CONTROL SAMPLE: 182168

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	10	9.7	97	79-128	
4-Bromofluorobenzene (S)	%			108	40-159	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: GLCDC Brownfields Project

Pace Project No.: 5016096

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

- 1d RPD is outside of control limits due to sample non-homogeneity.
- 2d Matrix spike was not recovered. SAQ 07.07.08
- 3d Matrix spike was not recovered SAQ 07.07.08
- 4d Multiple compounds are outside acceptance limits, refer to LCS for system control and data acceptability. JLF 7/2/08.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- M0 Matrix spike recovery was outside laboratory control limits.
- P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
- R1 RPD value was outside control limits.
- R2 RPD value was outside control limits due to matrix interference
- S0 Surrogate recovery outside laboratory control limits.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:																																																																																																																																																																																																																																																																						
Company: WMM Consulting Group Address: 7428 Rockville Road Indianapolis, IN 46214 Email To: bgenry@wmmconsult.com Phone: 347-1111 Fax: 280-4556 Requested Due Date/TAT: Standard	Report To: Brad Gentry Copy To: Patrick Rohan - prohan@wmmconsult.com Purchase Order No.: GLCDC Brownfields Project Project Name: IN.LAF.GLCD.C.506Brown.02	Attention: Brad Gentry Company Name: Same as Section A Address: Pace Quote Reference: Pace Project Manager: Pace Profile #:	REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER	Site Location STATE: 5016097	Pace Project No./Lab I.D. 001																																																																																																																																																																																																																																																																					
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CHAIN-OFF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.



Sample Condition Upon Receipt

Client Name: IWM Consulting Group Project # 5016097

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used 123.4 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 3.6 °C

Biological Tissue Is Frozen: Yes No

Comments: _____

Date and Initials of person examining contents: GL2008 MT

Temp should be above freezing to 6°C	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	7.	
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.	
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.	
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____

Date: 6/20/08

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

July 18, 2008

Mr. Brad Gentry
IWM Consulting
7428 Rockville Road
Indianapolis, IN 46214

RE: Project: GLCDC-Brownfields Project
Pace Project No.: 5016499

Dear Mr. Gentry:

Enclosed are the analytical results for sample(s) received by the laboratory on July 03, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Andrew Votaw

andrew.votaw@pacelabs.com
Project Manager

Illinois/NELAC Certification Number: 100418
Indiana Certification Number: C-49-06
Kansas Certification Number: E-10247
Kentucky Certification Number: 0042
Ohio VAP: CL0065
Pennsylvania: 68-00791
West Virginia Certification Number: 330

Enclosures

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Lab ID	Sample ID	Matrix	Date Collected	Date Received
5016499001	DR-SB-GP-01 (36-38')	Solid	07/01/08 11:25	07/03/08 08:30
5016499002	DR-SB-GP-02 (38-40')	Solid	07/01/08 20:28	07/03/08 08:30
5016499003	DR-SB-GP-03 (32-34')	Solid	07/01/08 15:40	07/03/08 08:30
5016499004	DR-SB-GP-04 (42-44')	Solid	07/02/08 18:10	07/03/08 08:30
5016499005	DR-SB-GP-05 (40-42')	Solid	07/01/08 12:09	07/03/08 08:30
5016499006	DR-SB-GP-06 (36-38')	Solid	07/02/08 17:56	07/03/08 08:30
5016499007	DR-SB-GP-07 (34-36')	Solid	07/02/08 12:25	07/03/08 08:30
5016499008	DR-SB-GP-08 (32-34')	Solid	07/01/08 11:32	07/03/08 08:30
5016499009	DR-SB-TB	Water	07/01/08 11:32	07/03/08 08:30
5016499010	DR-GW-GP-04	Water	07/02/08 19:31	07/03/08 08:30
5016499011	DR-GW-GP-02	Water	07/02/08 08:50	07/03/08 08:30
5016499012	DR-GW-GP-03	Water	07/01/08 19:12	07/03/08 08:30
5016499013	DR-GW-GP-01	Water	07/01/08 18:09	07/03/08 08:30
5016499014	DR-GW-GP-05	Water	07/02/08 15:15	07/03/08 08:30
5016499015	DR-GW-GP-06	Water	07/02/08 19:25	07/03/08 08:30
5016499016	DR-GW-GP-07	Water	07/02/08 14:56	07/03/08 08:30
5016499017	DR-GW-GP-08	Water	07/01/08 17:11	07/03/08 08:30
5016499018	DR-GW-FD	Water	07/01/08 08:00	07/03/08 08:30
5016499019	DR-GW-TB	Water	07/01/08 08:00	07/03/08 08:30
5016499020	DR-GW-EB	Water	07/02/08 08:00	07/03/08 08:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: GLCDC-Brownfields Project
Pace Project No.: 5016499

Lab ID	Sample ID	Method	Analysts	Analytes Reported
5016499001	DR-SB-GP-01 (36-38')	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499002	DR-SB-GP-02 (38-40')	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499003	DR-SB-GP-03 (32-34')	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499004	DR-SB-GP-04 (42-44')	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499005	DR-SB-GP-05 (40-42')	ASTM D2974-87	ILP	1
		EPA 6010	FRW	7
		EPA 7471	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8015 Mod Pur	RSR	2
		EPA 8260	JLF	73

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SAMPLE ANALYTE COUNT

Project: GLCDC-Brownfields Project
Pace Project No.: 5016499

Lab ID	Sample ID	Method	Analysts	Analytics Reported
		EPA 8270 by SIM	DMT	10
5016499006	DR-SB-GP-06 (36-38')	ASTM D2974-87	ILP	1
		EPA 8260	JLF	73
5016499007	DR-SB-GP-07 (34-36')	ASTM D2974-87	ILP	1
		EPA 8260	JLF	73
5016499008	DR-SB-GP-08 (32-34')	ASTM D2974-87	ILP	1
		EPA 8260	JLF	73
5016499009	DR-SB-TB	EPA 8260	JLF	73
5016499010	DR-GW-GP-04	EPA 5030/8015 Mod.	HEB	2
		EPA 6010	FRW	7
		EPA 7470	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499011	DR-GW-GP-02	EPA 5030/8015 Mod.	HEB	2
		EPA 6010	FRW	7
		EPA 7470	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499012	DR-GW-GP-03	EPA 5030/8015 Mod.	HEB	2
		EPA 6010	FRW	7
		EPA 7470	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499013	DR-GW-GP-01	EPA 5030/8015 Mod.	HEB	2
		EPA 6010	FRW	7
		EPA 7470	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8082	SAQ	8
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499014	DR-GW-GP-05	EPA 5030/8015 Mod.	HEB	2
		EPA 6010	FRW	7

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SAMPLE ANALYTE COUNT

Project: GLCDC-Brownfields Project
Pace Project No.: 5016499

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470	LLB	1
		EPA 8015 Mod Ext	RRB	2
		EPA 8260	JLF	73
		EPA 8270 by SIM	DMT	10
5016499015	DR-GW-GP-06	EPA 8260	JLF	73
5016499016	DR-GW-GP-07	EPA 8260	JLF	73
5016499017	DR-GW-GP-08	EPA 8260	JLF	73
5016499018	DR-GW-FD	EPA 5030/8015 Mod. EPA 6010 EPA 7470 EPA 8015 Mod Ext EPA 8082 EPA 8260 EPA 8270 by SIM	HEB FRW LLB RRB SAQ JLF DMT	2 7 1 2 8 73 10
5016499019	DR-GW-TB	EPA 8260	JLF	73
5016499020	DR-GW-EB	EPA 5030/8015 Mod. EPA 6010 EPA 7470 EPA 8015 Mod Ext EPA 8082 EPA 8260 EPA 8270 by SIM	RSR FRW LLB RRB SAQ JLF DMT	2 7 1 2 8 73 10

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-01 (36-38') Lab ID: 5016499001 Collected: 07/01/08 11:25 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546								
TPH-ERO	ND mg/kg		11.4	1	07/07/08 00:00	07/08/08 09:36		
n-Pentacosane (S)	59 %		45-170	1	07/07/08 00:00	07/08/08 09:36	629-99-2	
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3546								
PCB-1016 (Aroclor 1016)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/kg		39.9	1	07/10/08 00:00	07/11/08 11:36	11096-82-5	
Tetrachloro-m-xylene (S)	33 %		20-130	1	07/10/08 00:00	07/11/08 11:36	877-09-8	
8015 Gasoline Range Organics Analytical Method: EPA 8015 Mod Pur								
Gasoline Range Organics	ND mg/kg		1.1	1		07/13/08 22:45		
4-Bromofluorobenzene (S)	88 %		40-159	1		07/13/08 22:45	460-00-4	
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	2.3 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7440-38-2	
Barium	10.2 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7440-39-3	
Cadmium	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7440-43-9	
Chromium	6.5 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7440-47-3	
Lead	2.4 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7439-92-1	
Selenium	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7782-49-2	
Silver	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:33	7440-22-4	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	ND mg/kg		0.37	1	07/09/08 00:00	07/10/08 17:44	7439-97-6	
8270 MSSV PAH by SIM 5ML Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Benzo(a)anthracene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	56-55-3	
Benzo(a)pyrene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	207-08-9	
Chrysene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	193-39-5	
Naphthalene	ND ug/kg		28.5	1	07/08/08 09:05	07/17/08 08:12	91-20-3	
2-Fluorobiphenyl (S)	58 %		45-120	1	07/08/08 09:05	07/17/08 08:12	321-60-8	
Terphenyl-d14 (S)	59 %		41-120	1	07/08/08 09:05	07/17/08 08:12	1718-51-0	
8260 MSV 5035A VOA Analytical Method: EPA 8260								
Acetone	ND ug/kg		92.5	1		07/13/08 02:32	67-64-1	
Acrolein	ND ug/kg		92.5	1		07/13/08 02:32	107-02-8	
Acrylonitrile	ND ug/kg		92.5	1		07/13/08 02:32	107-13-1	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-01 (36-38') Lab ID: 5016499001 Collected: 07/01/08 11:25 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Benzene	ND ug/kg		4.6	1		07/13/08 02:32	71-43-2	
Bromobenzene	ND ug/kg		4.6	1		07/13/08 02:32	108-86-1	
Bromochloromethane	ND ug/kg		4.6	1		07/13/08 02:32	74-97-5	
Bromodichloromethane	ND ug/kg		4.6	1		07/13/08 02:32	75-27-4	
Bromoform	ND ug/kg		4.6	1		07/13/08 02:32	75-25-2	
Bromomethane	ND ug/kg		4.6	1		07/13/08 02:32	74-83-9	
2-Butanone (MEK)	ND ug/kg		23.1	1		07/13/08 02:32	78-93-3	
n-Butylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	104-51-8	
sec-Butylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	135-98-8	
tert-Butylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	98-06-6	
Carbon disulfide	ND ug/kg		9.2	1		07/13/08 02:32	75-15-0	
Carbon tetrachloride	ND ug/kg		4.6	1		07/13/08 02:32	56-23-5	
Chlorobenzene	ND ug/kg		4.6	1		07/13/08 02:32	108-90-7	
Chloroethane	ND ug/kg		4.6	1		07/13/08 02:32	75-00-3	
Chloroform	ND ug/kg		4.6	1		07/13/08 02:32	67-66-3	
Chloromethane	ND ug/kg		4.6	1		07/13/08 02:32	74-87-3	
2-Chlorotoluene	ND ug/kg		4.6	1		07/13/08 02:32	95-49-8	
4-Chlorotoluene	ND ug/kg		4.6	1		07/13/08 02:32	106-43-4	
Dibromochloromethane	ND ug/kg		4.6	1		07/13/08 02:32	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.6	1		07/13/08 02:32	106-93-4	
Dibromomethane	ND ug/kg		4.6	1		07/13/08 02:32	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.6	1		07/13/08 02:32	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.6	1		07/13/08 02:32	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.6	1		07/13/08 02:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		92.5	1		07/13/08 02:32	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.6	1		07/13/08 02:32	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.6	1		07/13/08 02:32	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.6	1		07/13/08 02:32	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.6	1		07/13/08 02:32	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.6	1		07/13/08 02:32	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.6	1		07/13/08 02:32	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.6	1		07/13/08 02:32	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.6	1		07/13/08 02:32	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.6	1		07/13/08 02:32	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.6	1		07/13/08 02:32	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.6	1		07/13/08 02:32	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.6	1		07/13/08 02:32	10061-02-6	
Ethylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	100-41-4	
Ethyl methacrylate	ND ug/kg		9.2	1		07/13/08 02:32	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.6	1		07/13/08 02:32	87-68-3	
n-Hexane	ND ug/kg		4.6	1		07/13/08 02:32	110-54-3	
2-Hexanone	ND ug/kg		92.5	1		07/13/08 02:32	591-78-6	
Iodomethane	ND ug/kg		92.5	1		07/13/08 02:32	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		4.6	1		07/13/08 02:32	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.6	1		07/13/08 02:32	99-87-6	
Methylene chloride	ND ug/kg		18.5	1		07/13/08 02:32	75-09-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-01 (36-38') Lab ID: 5016499001 Collected: 07/01/08 11:25 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND ug/kg		23.1	1		07/13/08 02:32	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.6	1		07/13/08 02:32	1634-04-4	
Naphthalene	ND ug/kg		4.6	1		07/13/08 02:32	91-20-3	
n-Propylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	103-65-1	
Styrene	ND ug/kg		4.6	1		07/13/08 02:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.6	1		07/13/08 02:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.6	1		07/13/08 02:32	79-34-5	
Tetrachloroethene	ND ug/kg		4.6	1		07/13/08 02:32	127-18-4	
Toluene	ND ug/kg		4.6	1		07/13/08 02:32	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.6	1		07/13/08 02:32	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.6	1		07/13/08 02:32	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.6	1		07/13/08 02:32	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.6	1		07/13/08 02:32	79-00-5	
Trichloroethene	ND ug/kg		4.6	1		07/13/08 02:32	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.6	1		07/13/08 02:32	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		4.6	1		07/13/08 02:32	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.6	1		07/13/08 02:32	108-67-8	
Vinyl acetate	ND ug/kg		92.5	1		07/13/08 02:32	108-05-4	
Vinyl chloride	ND ug/kg		4.6	1		07/13/08 02:32	75-01-4	
Xylene (Total)	ND ug/kg		9.2	1		07/13/08 02:32	1330-20-7	
Dibromofluoromethane (S)	100 %		80-124	1		07/13/08 02:32	1868-53-7	
Toluene-d8 (S)	113 %		58-145	1		07/13/08 02:32	2037-26-5	
4-Bromofluorobenzene (S)	94 %		61-131	1		07/13/08 02:32	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	12.2 %		0.10	1		07/09/08 14:41		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-02 (38-40') Lab ID: 5016499002 Collected: 07/01/08 20:28 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
TPH-ERO	ND mg/kg		11.6	1	07/07/08 00:00	07/08/08 09:43		
n-Pentacosane (S)	62 %		45-170	1	07/07/08 00:00	07/08/08 09:43	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/kg		40.8	1	07/10/08 00:00	07/11/08 11:44	11096-82-5	
Tetrachloro-m-xylene (S)	50 %		20-130	1	07/10/08 00:00	07/11/08 11:44	877-09-8	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
Gasoline Range Organics	ND mg/kg		0.99	1		07/13/08 23:08		
4-Bromofluorobenzene (S)	92 %		40-159	1		07/13/08 23:08	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	ND mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7440-38-2	
Barium	8.3 mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7440-39-3	
Cadmium	ND mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7440-43-9	
Chromium	5.6 mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7440-47-3	
Lead	ND mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7439-92-1	
Selenium	ND mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7782-49-2	
Silver	ND mg/kg		2.3	1	07/07/08 00:00	07/07/08 12:39	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND mg/kg		0.38	1	07/09/08 00:00	07/10/08 17:45	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	56-55-3	
Benzo(a)pyrene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	207-08-9	
Chrysene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	193-39-5	
Naphthalene	ND ug/kg		29.1	1	07/08/08 09:05	07/17/08 08:34	91-20-3	
2-Fluorobiphenyl (S)	61 %		45-120	1	07/08/08 09:05	07/17/08 08:34	321-60-8	
Terphenyl-d14 (S)	58 %		41-120	1	07/08/08 09:05	07/17/08 08:34	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND ug/kg		110	1		07/13/08 03:04	67-64-1	
Acrolein	ND ug/kg		110	1		07/13/08 03:04	107-02-8	
Acrylonitrile	ND ug/kg		110	1		07/13/08 03:04	107-13-1	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-02 (38-40') Lab ID: 5016499002 Collected: 07/01/08 20:28 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Benzene	ND ug/kg		5.5	1		07/13/08 03:04	71-43-2	
Bromobenzene	ND ug/kg		5.5	1		07/13/08 03:04	108-86-1	
Bromochloromethane	ND ug/kg		5.5	1		07/13/08 03:04	74-97-5	
Bromodichloromethane	ND ug/kg		5.5	1		07/13/08 03:04	75-27-4	
Bromoform	ND ug/kg		5.5	1		07/13/08 03:04	75-25-2	
Bromomethane	ND ug/kg		5.5	1		07/13/08 03:04	74-83-9	
2-Butanone (MEK)	ND ug/kg		27.6	1		07/13/08 03:04	78-93-3	
n-Butylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	104-51-8	
sec-Butylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	135-98-8	
tert-Butylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	98-06-6	
Carbon disulfide	ND ug/kg		11.0	1		07/13/08 03:04	75-15-0	
Carbon tetrachloride	ND ug/kg		5.5	1		07/13/08 03:04	56-23-5	
Chlorobenzene	ND ug/kg		5.5	1		07/13/08 03:04	108-90-7	
Chloroethane	ND ug/kg		5.5	1		07/13/08 03:04	75-00-3	
Chloroform	ND ug/kg		5.5	1		07/13/08 03:04	67-66-3	
Chloromethane	ND ug/kg		5.5	1		07/13/08 03:04	74-87-3	
2-Chlorotoluene	ND ug/kg		5.5	1		07/13/08 03:04	95-49-8	
4-Chlorotoluene	ND ug/kg		5.5	1		07/13/08 03:04	106-43-4	
Dibromochloromethane	ND ug/kg		5.5	1		07/13/08 03:04	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.5	1		07/13/08 03:04	106-93-4	
Dibromomethane	ND ug/kg		5.5	1		07/13/08 03:04	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.5	1		07/13/08 03:04	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.5	1		07/13/08 03:04	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.5	1		07/13/08 03:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		110	1		07/13/08 03:04	110-57-6	
Dichlorodifluoromethane	ND ug/kg		5.5	1		07/13/08 03:04	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.5	1		07/13/08 03:04	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.5	1		07/13/08 03:04	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.5	1		07/13/08 03:04	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.5	1		07/13/08 03:04	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.5	1		07/13/08 03:04	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.5	1		07/13/08 03:04	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.5	1		07/13/08 03:04	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.5	1		07/13/08 03:04	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.5	1		07/13/08 03:04	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.5	1		07/13/08 03:04	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.5	1		07/13/08 03:04	10061-02-6	
Ethylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	100-41-4	
Ethyl methacrylate	ND ug/kg		11.0	1		07/13/08 03:04	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		5.5	1		07/13/08 03:04	87-68-3	
n-Hexane	ND ug/kg		5.5	1		07/13/08 03:04	110-54-3	
2-Hexanone	ND ug/kg		110	1		07/13/08 03:04	591-78-6	
Iodomethane	ND ug/kg		110	1		07/13/08 03:04	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		5.5	1		07/13/08 03:04	98-82-8	
p-Isopropyltoluene	ND ug/kg		5.5	1		07/13/08 03:04	99-87-6	
Methylene chloride	ND ug/kg		22.1	1		07/13/08 03:04	75-09-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-02 (38-40') Lab ID: 5016499002 Collected: 07/01/08 20:28 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND ug/kg		27.6	1		07/13/08 03:04	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		5.5	1		07/13/08 03:04	1634-04-4	
Naphthalene	ND ug/kg		5.5	1		07/13/08 03:04	91-20-3	
n-Propylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	103-65-1	
Styrene	ND ug/kg		5.5	1		07/13/08 03:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		5.5	1		07/13/08 03:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		5.5	1		07/13/08 03:04	79-34-5	
Tetrachloroethene	ND ug/kg		5.5	1		07/13/08 03:04	127-18-4	
Toluene	ND ug/kg		5.5	1		07/13/08 03:04	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		5.5	1		07/13/08 03:04	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		5.5	1		07/13/08 03:04	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		5.5	1		07/13/08 03:04	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		5.5	1		07/13/08 03:04	79-00-5	
Trichloroethene	ND ug/kg		5.5	1		07/13/08 03:04	79-01-6	
Trichlorofluoromethane	ND ug/kg		5.5	1		07/13/08 03:04	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		5.5	1		07/13/08 03:04	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		5.5	1		07/13/08 03:04	108-67-8	
Vinyl acetate	ND ug/kg		110	1		07/13/08 03:04	108-05-4	
Vinyl chloride	ND ug/kg		5.5	1		07/13/08 03:04	75-01-4	
Xylene (Total)	ND ug/kg		11.0	1		07/13/08 03:04	1330-20-7	
Dibromofluoromethane (S)	98 %		80-124	1		07/13/08 03:04	1868-53-7	
Toluene-d8 (S)	97 %		58-145	1		07/13/08 03:04	2037-26-5	
4-Bromofluorobenzene (S)	94 %		61-131	1		07/13/08 03:04	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	14.2 %		0.10	1		07/09/08 14:41		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-03 (32-34') **Lab ID: 5016499003** Collected: 07/01/08 15:40 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
TPH-ERO	ND mg/kg		12.0	1	07/07/08 00:00	07/08/08 09:50		
n-Pentacosane (S)	71 %		45-170	1	07/07/08 00:00	07/08/08 09:50	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3546							
PCB-1016 (Aroclor 1016)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/kg		41.9	1	07/10/08 00:00	07/11/08 11:53	11096-82-5	
Tetrachloro-m-xylene (S)	72 %		20-130	1	07/10/08 00:00	07/11/08 11:53	877-09-8	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
Gasoline Range Organics	ND mg/kg		1.0	1		07/14/08 00:16		
4-Bromofluorobenzene (S)	91 %		40-159	1		07/14/08 00:16	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.4 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7440-38-2	
Barium	9.5 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7440-39-3	
Cadmium	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7440-43-9	
Chromium	5.0 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7440-47-3	
Lead	2.2 mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7439-92-1	
Selenium	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7782-49-2	
Silver	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 12:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND mg/kg		0.41	1	07/09/08 00:00	07/10/08 17:50	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	56-55-3	
Benzo(a)pyrene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	207-08-9	
Chrysene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	193-39-5	
Naphthalene	ND ug/kg		29.9	1	07/08/08 09:05	07/17/08 08:56	91-20-3	
2-Fluorobiphenyl (S)	58 %		45-120	1	07/08/08 09:05	07/17/08 08:56	321-60-8	
Terphenyl-d14 (S)	59 %		41-120	1	07/08/08 09:05	07/17/08 08:56	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND ug/kg		107	1		07/13/08 03:36	67-64-1	
Acrolein	ND ug/kg		107	1		07/13/08 03:36	107-02-8	
Acrylonitrile	ND ug/kg		107	1		07/13/08 03:36	107-13-1	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-03 (32-34') **Lab ID: 5016499003** Collected: 07/01/08 15:40 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Benzene	ND ug/kg		5.3	1		07/13/08 03:36	71-43-2	
Bromobenzene	ND ug/kg		5.3	1		07/13/08 03:36	108-86-1	
Bromochloromethane	ND ug/kg		5.3	1		07/13/08 03:36	74-97-5	
Bromodichloromethane	ND ug/kg		5.3	1		07/13/08 03:36	75-27-4	
Bromoform	ND ug/kg		5.3	1		07/13/08 03:36	75-25-2	
Bromomethane	ND ug/kg		5.3	1		07/13/08 03:36	74-83-9	
2-Butanone (MEK)	ND ug/kg		26.7	1		07/13/08 03:36	78-93-3	
n-Butylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	104-51-8	
sec-Butylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	135-98-8	
tert-Butylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	98-06-6	
Carbon disulfide	ND ug/kg		10.7	1		07/13/08 03:36	75-15-0	
Carbon tetrachloride	ND ug/kg		5.3	1		07/13/08 03:36	56-23-5	
Chlorobenzene	ND ug/kg		5.3	1		07/13/08 03:36	108-90-7	
Chloroethane	ND ug/kg		5.3	1		07/13/08 03:36	75-00-3	
Chloroform	ND ug/kg		5.3	1		07/13/08 03:36	67-66-3	
Chloromethane	ND ug/kg		5.3	1		07/13/08 03:36	74-87-3	
2-Chlorotoluene	ND ug/kg		5.3	1		07/13/08 03:36	95-49-8	
4-Chlorotoluene	ND ug/kg		5.3	1		07/13/08 03:36	106-43-4	
Dibromochloromethane	ND ug/kg		5.3	1		07/13/08 03:36	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.3	1		07/13/08 03:36	106-93-4	
Dibromomethane	ND ug/kg		5.3	1		07/13/08 03:36	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.3	1		07/13/08 03:36	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.3	1		07/13/08 03:36	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.3	1		07/13/08 03:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		107	1		07/13/08 03:36	110-57-6	
Dichlorodifluoromethane	ND ug/kg		5.3	1		07/13/08 03:36	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.3	1		07/13/08 03:36	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.3	1		07/13/08 03:36	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.3	1		07/13/08 03:36	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.3	1		07/13/08 03:36	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.3	1		07/13/08 03:36	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.3	1		07/13/08 03:36	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.3	1		07/13/08 03:36	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.3	1		07/13/08 03:36	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.3	1		07/13/08 03:36	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.3	1		07/13/08 03:36	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.3	1		07/13/08 03:36	10061-02-6	
Ethylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	100-41-4	
Ethyl methacrylate	ND ug/kg		10.7	1		07/13/08 03:36	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		5.3	1		07/13/08 03:36	87-68-3	
n-Hexane	ND ug/kg		5.3	1		07/13/08 03:36	110-54-3	
2-Hexanone	ND ug/kg		107	1		07/13/08 03:36	591-78-6	
Iodomethane	ND ug/kg		107	1		07/13/08 03:36	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		5.3	1		07/13/08 03:36	98-82-8	
p-Isopropyltoluene	ND ug/kg		5.3	1		07/13/08 03:36	99-87-6	
Methylene chloride	ND ug/kg		21.4	1		07/13/08 03:36	75-09-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-03 (32-34') Lab ID: 5016499003 Collected: 07/01/08 15:40 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
4-Methyl-2-pentanone (MIBK)	ND ug/kg		26.7	1		07/13/08 03:36	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		5.3	1		07/13/08 03:36	1634-04-4	
Naphthalene	ND ug/kg		5.3	1		07/13/08 03:36	91-20-3	
n-Propylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	103-65-1	
Styrene	ND ug/kg		5.3	1		07/13/08 03:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		5.3	1		07/13/08 03:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		5.3	1		07/13/08 03:36	79-34-5	
Tetrachloroethene	ND ug/kg		5.3	1		07/13/08 03:36	127-18-4	
Toluene	ND ug/kg		5.3	1		07/13/08 03:36	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		5.3	1		07/13/08 03:36	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		5.3	1		07/13/08 03:36	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		5.3	1		07/13/08 03:36	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		5.3	1		07/13/08 03:36	79-00-5	
Trichloroethene	ND ug/kg		5.3	1		07/13/08 03:36	79-01-6	
Trichlorofluoromethane	ND ug/kg		5.3	1		07/13/08 03:36	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		5.3	1		07/13/08 03:36	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		5.3	1		07/13/08 03:36	108-67-8	
Vinyl acetate	ND ug/kg		107	1		07/13/08 03:36	108-05-4	
Vinyl chloride	ND ug/kg		5.3	1		07/13/08 03:36	75-01-4	
Xylene (Total)	ND ug/kg		10.7	1		07/13/08 03:36	1330-20-7	
Dibromofluoromethane (S)	98 %		80-124	1		07/13/08 03:36	1868-53-7	
Toluene-d8 (S)	100 %		58-145	1		07/13/08 03:36	2037-26-5	
4-Bromofluorobenzene (S)	100 %		61-131	1		07/13/08 03:36	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	16.4 %		0.10	1		07/09/08 14:41		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-04 (42-44') **Lab ID:** 5016499004 **Collected:** 07/02/08 18:10 **Received:** 07/03/08 08:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
TPH-ERO	ND mg/kg		11.4	1	07/07/08 00:00	07/08/08 10:12		
n-Pentacosane (S)	71 %		45-170	1	07/07/08 00:00	07/08/08 10:12	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
Gasoline Range Organics	ND mg/kg		0.94	1		07/15/08 19:20		
4-Bromofluorobenzene (S)	103 %		40-159	1		07/15/08 19:20	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.3 mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7440-38-2	
Barium	9.2 mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7440-39-3	
Cadmium	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7440-43-9	
Chromium	4.7 mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7440-47-3	
Lead	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7439-92-1	
Selenium	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7782-49-2	
Silver	ND mg/kg		2.2	1	07/07/08 00:00	07/07/08 13:41	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND mg/kg		0.37	1	07/09/08 00:00	07/10/08 17:54	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	56-55-3	
Benzo(a)pyrene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	207-08-9	
Chrysene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	193-39-5	
Naphthalene	ND ug/kg		28.4	1	07/08/08 09:05	07/17/08 10:02	91-20-3	
2-Fluorobiphenyl (S)	64 %		45-120	1	07/08/08 09:05	07/17/08 10:02	321-60-8	
Terphenyl-d14 (S)	61 %		41-120	1	07/08/08 09:05	07/17/08 10:02	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND ug/kg		94.4	1		07/13/08 05:14	67-64-1	
Acrolein	ND ug/kg		94.4	1		07/13/08 05:14	107-02-8	
Acrylonitrile	ND ug/kg		94.4	1		07/13/08 05:14	107-13-1	
Benzene	ND ug/kg		4.7	1		07/13/08 05:14	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		07/13/08 05:14	108-86-1	
Bromo(chloromethane)	ND ug/kg		4.7	1		07/13/08 05:14	74-97-5	
Bromodichloromethane	ND ug/kg		4.7	1		07/13/08 05:14	75-27-4	
Bromoform	ND ug/kg		4.7	1		07/13/08 05:14	75-25-2	
Bromomethane	ND ug/kg		4.7	1		07/13/08 05:14	74-83-9	
2-Butanone (MEK)	ND ug/kg		23.6	1		07/13/08 05:14	78-93-3	
n-Butylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	104-51-8	
sec-Butylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	135-98-8	
tert-Butylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	98-06-6	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-04 (42-44') Lab ID: 5016499004 Collected: 07/02/08 18:10 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Carbon disulfide	ND ug/kg		9.4	1		07/13/08 05:14	75-15-0	
Carbon tetrachloride	ND ug/kg		4.7	1		07/13/08 05:14	56-23-5	
Chlorobenzene	ND ug/kg		4.7	1		07/13/08 05:14	108-90-7	
Chloroethane	ND ug/kg		4.7	1		07/13/08 05:14	75-00-3	
Chloroform	ND ug/kg		4.7	1		07/13/08 05:14	67-66-3	
Chloromethane	ND ug/kg		4.7	1		07/13/08 05:14	74-87-3	
2-Chlorotoluene	ND ug/kg		4.7	1		07/13/08 05:14	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		07/13/08 05:14	106-43-4	
Dibromochloromethane	ND ug/kg		4.7	1		07/13/08 05:14	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		07/13/08 05:14	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		07/13/08 05:14	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		07/13/08 05:14	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		07/13/08 05:14	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		07/13/08 05:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		94.4	1		07/13/08 05:14	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.7	1		07/13/08 05:14	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		07/13/08 05:14	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		07/13/08 05:14	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.7	1		07/13/08 05:14	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		07/13/08 05:14	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		07/13/08 05:14	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		07/13/08 05:14	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		07/13/08 05:14	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		07/13/08 05:14	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		07/13/08 05:14	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		07/13/08 05:14	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		07/13/08 05:14	10061-02-6	
Ethylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	100-41-4	
Ethyl methacrylate	ND ug/kg		9.4	1		07/13/08 05:14	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.7	1		07/13/08 05:14	87-68-3	
n-Hexane	ND ug/kg		4.7	1		07/13/08 05:14	110-54-3	
2-Hexanone	ND ug/kg		94.4	1		07/13/08 05:14	591-78-6	
Iodomethane	ND ug/kg		94.4	1		07/13/08 05:14	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		4.7	1		07/13/08 05:14	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.7	1		07/13/08 05:14	99-87-6	
Methylene chloride	ND ug/kg		18.9	1		07/13/08 05:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		23.6	1		07/13/08 05:14	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.7	1		07/13/08 05:14	1634-04-4	
Naphthalene	ND ug/kg		4.7	1		07/13/08 05:14	91-20-3	
n-Propylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	103-65-1	
Styrene	ND ug/kg		4.7	1		07/13/08 05:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.7	1		07/13/08 05:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.7	1		07/13/08 05:14	79-34-5	
Tetrachloroethene	ND ug/kg		4.7	1		07/13/08 05:14	127-18-4	
Toluene	ND ug/kg		4.7	1		07/13/08 05:14	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.7	1		07/13/08 05:14	87-61-6	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-04 (42-44') Lab ID: 5016499004 Collected: 07/02/08 18:10 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND ug/kg		4.7	1		07/13/08 05:14	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.7	1		07/13/08 05:14	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.7	1		07/13/08 05:14	79-00-5	
Trichloroethene	ND ug/kg		4.7	1		07/13/08 05:14	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.7	1		07/13/08 05:14	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		4.7	1		07/13/08 05:14	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.7	1		07/13/08 05:14	108-67-8	
Vinyl acetate	ND ug/kg		94.4	1		07/13/08 05:14	108-05-4	
Vinyl chloride	ND ug/kg		4.7	1		07/13/08 05:14	75-01-4	
Xylene (Total)	ND ug/kg		9.4	1		07/13/08 05:14	1330-20-7	
Dibromofluoromethane (S)	100 %		80-124	1		07/13/08 05:14	1868-53-7	
Toluene-d8 (S)	114 %		58-145	1		07/13/08 05:14	2037-26-5	
4-Bromofluorobenzene (S)	96 %		61-131	1		07/13/08 05:14	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	12.0 %		0.10	1		07/09/08 14:41		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project
Pace Project No.: 5016499

Sample: DR-SB-GP-05 (40-42') **Lab ID:** 5016499005 **Collected:** 07/01/08 12:09 **Received:** 07/03/08 08:30 **Matrix:** Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 3546							
TPH-ERO	ND mg/kg		10.7	1	07/07/08 00:00	07/08/08 10:26		
n-Pentacosane (S)	79 %		45-170	1	07/07/08 00:00	07/08/08 10:26	629-99-2	
8015 Gasoline Range Organics	Analytical Method: EPA 8015 Mod Pur							
Gasoline Range Organics	ND mg/kg		1.1	1		07/13/08 23:30		
4-Bromofluorobenzene (S)	88 %		40-159	1		07/13/08 23:30	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050							
Arsenic	2.5 mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7440-38-2	
Barium	12.5 mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7440-39-3	
Cadmium	ND mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7440-43-9	
Chromium	5.0 mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7440-47-3	
Lead	ND mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7439-92-1	
Selenium	ND mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7782-49-2	
Silver	ND mg/kg		2.1	1	07/07/08 00:00	07/07/08 13:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471							
Mercury	ND mg/kg		0.36	1	07/09/08 00:00	07/10/08 17:55	7439-97-6	
8270 MSSV PAH by SIM 5ML	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546							
Benzo(a)anthracene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	56-55-3	
Benzo(a)pyrene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	205-99-2	
Benzo(k)fluoranthene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	207-08-9	
Chrysene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	193-39-5	
Naphthalene	ND ug/kg		26.7	1	07/08/08 09:05	07/17/08 10:23	91-20-3	
2-Fluorobiphenyl (S)	62 %		45-120	1	07/08/08 09:05	07/17/08 10:23	321-60-8	
Terphenyl-d14 (S)	61 %		41-120	1	07/08/08 09:05	07/17/08 10:23	1718-51-0	
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND ug/kg		98.0	1		07/13/08 05:45	67-64-1	
Acrolein	ND ug/kg		98.0	1		07/13/08 05:45	107-02-8	
Acrylonitrile	ND ug/kg		98.0	1		07/13/08 05:45	107-13-1	
Benzene	ND ug/kg		4.9	1		07/13/08 05:45	71-43-2	
Bromobenzene	ND ug/kg		4.9	1		07/13/08 05:45	108-86-1	
Bromoform	ND ug/kg		4.9	1		07/13/08 05:45	74-97-5	
Bromochloromethane	ND ug/kg		4.9	1		07/13/08 05:45	75-27-4	
Bromodichloromethane	ND ug/kg		4.9	1		07/13/08 05:45	75-25-2	
Bromomethane	ND ug/kg		4.9	1		07/13/08 05:45	74-83-9	
2-Butanone (MEK)	ND ug/kg		24.5	1		07/13/08 05:45	78-93-3	
n-Butylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	104-51-8	
sec-Butylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	135-98-8	
tert-Butylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	98-06-6	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-05 (40-42') Lab ID: 5016499005 Collected: 07/01/08 12:09 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Carbon disulfide	ND ug/kg		9.8	1		07/13/08 05:45	75-15-0	
Carbon tetrachloride	ND ug/kg		4.9	1		07/13/08 05:45	56-23-5	
Chlorobenzene	ND ug/kg		4.9	1		07/13/08 05:45	108-90-7	
Chloroethane	ND ug/kg		4.9	1		07/13/08 05:45	75-00-3	
Chloroform	ND ug/kg		4.9	1		07/13/08 05:45	67-66-3	
Chloromethane	ND ug/kg		4.9	1		07/13/08 05:45	74-87-3	
2-Chlorotoluene	ND ug/kg		4.9	1		07/13/08 05:45	95-49-8	
4-Chlorotoluene	ND ug/kg		4.9	1		07/13/08 05:45	106-43-4	
Dibromochloromethane	ND ug/kg		4.9	1		07/13/08 05:45	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.9	1		07/13/08 05:45	106-93-4	
Dibromomethane	ND ug/kg		4.9	1		07/13/08 05:45	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.9	1		07/13/08 05:45	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.9	1		07/13/08 05:45	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.9	1		07/13/08 05:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		98.0	1		07/13/08 05:45	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.9	1		07/13/08 05:45	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.9	1		07/13/08 05:45	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.9	1		07/13/08 05:45	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.9	1		07/13/08 05:45	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.9	1		07/13/08 05:45	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.9	1		07/13/08 05:45	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.9	1		07/13/08 05:45	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.9	1		07/13/08 05:45	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.9	1		07/13/08 05:45	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.9	1		07/13/08 05:45	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.9	1		07/13/08 05:45	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.9	1		07/13/08 05:45	10061-02-6	
Ethylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	100-41-4	
Ethyl methacrylate	ND ug/kg		9.8	1		07/13/08 05:45	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.9	1		07/13/08 05:45	87-68-3	
n-Hexane	ND ug/kg		4.9	1		07/13/08 05:45	110-54-3	
2-Hexanone	ND ug/kg		98.0	1		07/13/08 05:45	591-78-6	
Iodomethane	ND ug/kg		98.0	1		07/13/08 05:45	74-88-4	
Isopropylbenzene (Cumene)	ND ug/kg		4.9	1		07/13/08 05:45	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.9	1		07/13/08 05:45	99-87-6	
Methylene chloride	ND ug/kg		19.6	1		07/13/08 05:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		24.5	1		07/13/08 05:45	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.9	1		07/13/08 05:45	1634-04-4	
Naphthalene	ND ug/kg		4.9	1		07/13/08 05:45	91-20-3	
n-Propylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	103-65-1	
Styrene	ND ug/kg		4.9	1		07/13/08 05:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.9	1		07/13/08 05:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.9	1		07/13/08 05:45	79-34-5	
Tetrachloroethene	ND ug/kg		4.9	1		07/13/08 05:45	127-18-4	
Toluene	ND ug/kg		4.9	1		07/13/08 05:45	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.9	1		07/13/08 05:45	87-61-6	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-05 (40-42') Lab ID: 5016499005 Collected: 07/01/08 12:09 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
1,2,4-Trichlorobenzene	ND ug/kg		4.9	1		07/13/08 05:45	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.9	1		07/13/08 05:45	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.9	1		07/13/08 05:45	79-00-5	
Trichloroethene	ND ug/kg		4.9	1		07/13/08 05:45	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.9	1		07/13/08 05:45	75-69-4	
1,2,3-Trichloroproppane	ND ug/kg		4.9	1		07/13/08 05:45	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.9	1		07/13/08 05:45	108-67-8	
Vinyl acetate	ND ug/kg		98.0	1		07/13/08 05:45	108-05-4	
Vinyl chloride	ND ug/kg		4.9	1		07/13/08 05:45	75-01-4	
Xylene (Total)	ND ug/kg		9.8	1		07/13/08 05:45	1330-20-7	
Dibromofluoromethane (S)	102 %		80-124	1		07/13/08 05:45	1868-53-7	
Toluene-d8 (S)	113 %		58-145	1		07/13/08 05:45	2037-26-5	
4-Bromofluorobenzene (S)	95 %		61-131	1		07/13/08 05:45	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	6.2 %		0.10	1		07/09/08 14:41		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-06 (36-38') Lab ID: 5016499006 Collected: 07/02/08 17:56 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND ug/kg		86.7	1		07/13/08 06:17	67-64-1	
Acrolein	ND ug/kg		86.7	1		07/13/08 06:17	107-02-8	
Acrylonitrile	ND ug/kg		86.7	1		07/13/08 06:17	107-13-1	
Benzene	ND ug/kg		4.3	1		07/13/08 06:17	71-43-2	
Bromobenzene	ND ug/kg		4.3	1		07/13/08 06:17	108-86-1	
Bromochloromethane	ND ug/kg		4.3	1		07/13/08 06:17	74-97-5	
Bromodichloromethane	ND ug/kg		4.3	1		07/13/08 06:17	75-27-4	
Bromoform	ND ug/kg		4.3	1		07/13/08 06:17	75-25-2	
Bromomethane	ND ug/kg		4.3	1		07/13/08 06:17	74-83-9	
2-Butanone (MEK)	ND ug/kg		21.7	1		07/13/08 06:17	78-93-3	
n-Butylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	104-51-8	
sec-Butylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	135-98-8	
tert-Butylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	98-06-6	
Carbon disulfide	ND ug/kg		8.7	1		07/13/08 06:17	75-15-0	
Carbon tetrachloride	ND ug/kg		4.3	1		07/13/08 06:17	56-23-5	
Chlorobenzene	ND ug/kg		4.3	1		07/13/08 06:17	108-90-7	
Chloroethane	ND ug/kg		4.3	1		07/13/08 06:17	75-00-3	
Chloroform	ND ug/kg		4.3	1		07/13/08 06:17	67-66-3	
Chloromethane	ND ug/kg		4.3	1		07/13/08 06:17	74-87-3	
2-Chlorotoluene	ND ug/kg		4.3	1		07/13/08 06:17	95-49-8	
4-Chlorotoluene	ND ug/kg		4.3	1		07/13/08 06:17	106-43-4	
Dibromochloromethane	ND ug/kg		4.3	1		07/13/08 06:17	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.3	1		07/13/08 06:17	106-93-4	
Dibromomethane	ND ug/kg		4.3	1		07/13/08 06:17	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.3	1		07/13/08 06:17	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.3	1		07/13/08 06:17	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.3	1		07/13/08 06:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		86.7	1		07/13/08 06:17	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.3	1		07/13/08 06:17	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.3	1		07/13/08 06:17	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.3	1		07/13/08 06:17	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.3	1		07/13/08 06:17	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.3	1		07/13/08 06:17	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.3	1		07/13/08 06:17	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.3	1		07/13/08 06:17	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.3	1		07/13/08 06:17	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.3	1		07/13/08 06:17	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.3	1		07/13/08 06:17	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.3	1		07/13/08 06:17	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.3	1		07/13/08 06:17	10061-02-6	
Ethylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	100-41-4	
Ethyl methacrylate	ND ug/kg		8.7	1		07/13/08 06:17	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.3	1		07/13/08 06:17	87-68-3	
n-Hexane	ND ug/kg		4.3	1		07/13/08 06:17	110-54-3	
2-Hexanone	ND ug/kg		86.7	1		07/13/08 06:17	591-78-6	
Iodomethane	ND ug/kg		86.7	1		07/13/08 06:17	74-88-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-06 (36-38') Lab ID: 5016499006 Collected: 07/02/08 17:56 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND ug/kg		4.3	1		07/13/08 06:17	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.3	1		07/13/08 06:17	99-87-6	
Methylene chloride	ND ug/kg		17.3	1		07/13/08 06:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		21.7	1		07/13/08 06:17	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.3	1		07/13/08 06:17	1634-04-4	
Naphthalene	ND ug/kg		4.3	1		07/13/08 06:17	91-20-3	
n-Propylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	103-65-1	
Styrene	ND ug/kg		4.3	1		07/13/08 06:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.3	1		07/13/08 06:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.3	1		07/13/08 06:17	79-34-5	
Tetrachloroethene	ND ug/kg		4.3	1		07/13/08 06:17	127-18-4	
Toluene	ND ug/kg		4.3	1		07/13/08 06:17	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.3	1		07/13/08 06:17	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.3	1		07/13/08 06:17	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.3	1		07/13/08 06:17	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.3	1		07/13/08 06:17	79-00-5	
Trichloroethene	ND ug/kg		4.3	1		07/13/08 06:17	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.3	1		07/13/08 06:17	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		4.3	1		07/13/08 06:17	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.3	1		07/13/08 06:17	108-67-8	
Vinyl acetate	ND ug/kg		86.7	1		07/13/08 06:17	108-05-4	
Vinyl chloride	ND ug/kg		4.3	1		07/13/08 06:17	75-01-4	
Xylene (Total)	ND ug/kg		8.7	1		07/13/08 06:17	1330-20-7	
Dibromofluoromethane (S)	101 %		80-124	1		07/13/08 06:17	1868-53-7	
Toluene-d8 (S)	114 %		58-145	1		07/13/08 06:17	2037-26-5	
4-Bromofluorobenzene (S)	93 %		61-131	1		07/13/08 06:17	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	4.9 %		0.10	1		07/09/08 14:42		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-07 (34-36') Lab ID: 5016499007 Collected: 07/02/08 12:25 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND ug/kg		91.2	1		07/13/08 06:50	67-64-1	
Acrolein	ND ug/kg		91.2	1		07/13/08 06:50	107-02-8	
Acrylonitrile	ND ug/kg		91.2	1		07/13/08 06:50	107-13-1	
Benzene	ND ug/kg		4.6	1		07/13/08 06:50	71-43-2	
Bromobenzene	ND ug/kg		4.6	1		07/13/08 06:50	108-86-1	
Bromochloromethane	ND ug/kg		4.6	1		07/13/08 06:50	74-97-5	
Bromodichloromethane	ND ug/kg		4.6	1		07/13/08 06:50	75-27-4	
Bromoform	ND ug/kg		4.6	1		07/13/08 06:50	75-25-2	
Bromomethane	ND ug/kg		4.6	1		07/13/08 06:50	74-83-9	
2-Butanone (MEK)	ND ug/kg		22.8	1		07/13/08 06:50	78-93-3	
n-Butylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	104-51-8	
sec-Butylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	135-98-8	
tert-Butylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	98-06-6	
Carbon disulfide	ND ug/kg		9.1	1		07/13/08 06:50	75-15-0	
Carbon tetrachloride	ND ug/kg		4.6	1		07/13/08 06:50	56-23-5	
Chlorobenzene	ND ug/kg		4.6	1		07/13/08 06:50	108-90-7	
Chloroethane	ND ug/kg		4.6	1		07/13/08 06:50	75-00-3	
Chloroform	ND ug/kg		4.6	1		07/13/08 06:50	67-66-3	
Chloromethane	ND ug/kg		4.6	1		07/13/08 06:50	74-87-3	
2-Chlorotoluene	ND ug/kg		4.6	1		07/13/08 06:50	95-49-8	
4-Chlorotoluene	ND ug/kg		4.6	1		07/13/08 06:50	106-43-4	
Dibromochloromethane	ND ug/kg		4.6	1		07/13/08 06:50	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.6	1		07/13/08 06:50	106-93-4	
Dibromomethane	ND ug/kg		4.6	1		07/13/08 06:50	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.6	1		07/13/08 06:50	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.6	1		07/13/08 06:50	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.6	1		07/13/08 06:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		91.2	1		07/13/08 06:50	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.6	1		07/13/08 06:50	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.6	1		07/13/08 06:50	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.6	1		07/13/08 06:50	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.6	1		07/13/08 06:50	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.6	1		07/13/08 06:50	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.6	1		07/13/08 06:50	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.6	1		07/13/08 06:50	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.6	1		07/13/08 06:50	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.6	1		07/13/08 06:50	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.6	1		07/13/08 06:50	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.6	1		07/13/08 06:50	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.6	1		07/13/08 06:50	10061-02-6	
Ethylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	100-41-4	
Ethyl methacrylate	ND ug/kg		9.1	1		07/13/08 06:50	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.6	1		07/13/08 06:50	87-68-3	
n-Hexane	ND ug/kg		4.6	1		07/13/08 06:50	110-54-3	
2-Hexanone	ND ug/kg		91.2	1		07/13/08 06:50	591-78-6	
Iodomethane	ND ug/kg		91.2	1		07/13/08 06:50	74-88-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-07 (34-36') Lab ID: 5016499007 Collected: 07/02/08 12:25 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND ug/kg		4.6	1		07/13/08 06:50	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.6	1		07/13/08 06:50	99-87-6	
Methylene chloride	ND ug/kg		18.2	1		07/13/08 06:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		22.8	1		07/13/08 06:50	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.6	1		07/13/08 06:50	1634-04-4	
Naphthalene	ND ug/kg		4.6	1		07/13/08 06:50	91-20-3	
n-Propylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	103-65-1	
Styrene	ND ug/kg		4.6	1		07/13/08 06:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.6	1		07/13/08 06:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.6	1		07/13/08 06:50	79-34-5	
Tetrachloroethene	ND ug/kg		4.6	1		07/13/08 06:50	127-18-4	
Toluene	ND ug/kg		4.6	1		07/13/08 06:50	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.6	1		07/13/08 06:50	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.6	1		07/13/08 06:50	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.6	1		07/13/08 06:50	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.6	1		07/13/08 06:50	79-00-5	
Trichloroethene	ND ug/kg		4.6	1		07/13/08 06:50	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.6	1		07/13/08 06:50	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		4.6	1		07/13/08 06:50	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.6	1		07/13/08 06:50	108-67-8	
Vinyl acetate	ND ug/kg		91.2	1		07/13/08 06:50	108-05-4	
Vinyl chloride	ND ug/kg		4.6	1		07/13/08 06:50	75-01-4	
Xylene (Total)	ND ug/kg		9.1	1		07/13/08 06:50	1330-20-7	
Dibromofluoromethane (S)	99 %		80-124	1		07/13/08 06:50	1868-53-7	
Toluene-d8 (S)	114 %		58-145	1		07/13/08 06:50	2037-26-5	
4-Bromofluorobenzene (S)	92 %		61-131	1		07/13/08 06:50	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	9.5 %		0.10	1		07/09/08 14:42		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-08 (32-34') Lab ID: 5016499008 Collected: 07/01/08 11:32 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA		Analytical Method: EPA 8260						
Acetone	ND ug/kg		94.8	1		07/13/08 07:26	67-64-1	
Acrolein	ND ug/kg		94.8	1		07/13/08 07:26	107-02-8	
Acrylonitrile	ND ug/kg		94.8	1		07/13/08 07:26	107-13-1	
Benzene	ND ug/kg		4.7	1		07/13/08 07:26	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		07/13/08 07:26	108-86-1	
Bromochloromethane	ND ug/kg		4.7	1		07/13/08 07:26	74-97-5	
Bromodichloromethane	ND ug/kg		4.7	1		07/13/08 07:26	75-27-4	
Bromoform	ND ug/kg		4.7	1		07/13/08 07:26	75-25-2	
Bromomethane	ND ug/kg		4.7	1		07/13/08 07:26	74-83-9	
2-Butanone (MEK)	ND ug/kg		23.7	1		07/13/08 07:26	78-93-3	
n-Butylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	104-51-8	
sec-Butylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	135-98-8	
tert-Butylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	98-06-6	
Carbon disulfide	ND ug/kg		9.5	1		07/13/08 07:26	75-15-0	
Carbon tetrachloride	ND ug/kg		4.7	1		07/13/08 07:26	56-23-5	
Chlorobenzene	ND ug/kg		4.7	1		07/13/08 07:26	108-90-7	
Chloroethane	ND ug/kg		4.7	1		07/13/08 07:26	75-00-3	
Chloroform	ND ug/kg		4.7	1		07/13/08 07:26	67-66-3	
Chloromethane	ND ug/kg		4.7	1		07/13/08 07:26	74-87-3	
2-Chlorotoluene	ND ug/kg		4.7	1		07/13/08 07:26	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		07/13/08 07:26	106-43-4	
Dibromochloromethane	ND ug/kg		4.7	1		07/13/08 07:26	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		07/13/08 07:26	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		07/13/08 07:26	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		07/13/08 07:26	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		07/13/08 07:26	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		07/13/08 07:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/kg		94.8	1		07/13/08 07:26	110-57-6	
Dichlorodifluoromethane	ND ug/kg		4.7	1		07/13/08 07:26	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		07/13/08 07:26	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		07/13/08 07:26	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.7	1		07/13/08 07:26	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		07/13/08 07:26	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		07/13/08 07:26	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		07/13/08 07:26	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		07/13/08 07:26	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		07/13/08 07:26	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		07/13/08 07:26	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		07/13/08 07:26	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		07/13/08 07:26	10061-02-6	
Ethylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	100-41-4	
Ethyl methacrylate	ND ug/kg		9.5	1		07/13/08 07:26	97-63-2	
Hexachloro-1,3-butadiene	ND ug/kg		4.7	1		07/13/08 07:26	87-68-3	
n-Hexane	ND ug/kg		4.7	1		07/13/08 07:26	110-54-3	
2-Hexanone	ND ug/kg		94.8	1		07/13/08 07:26	591-78-6	
Iodomethane	ND ug/kg		94.8	1		07/13/08 07:26	74-88-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-GP-08 (32-34') Lab ID: 5016499008 Collected: 07/01/08 11:32 Received: 07/03/08 08:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Isopropylbenzene (Cumene)	ND ug/kg		4.7	1		07/13/08 07:26	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.7	1		07/13/08 07:26	99-87-6	
Methylene chloride	ND ug/kg		19.0	1		07/13/08 07:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		23.7	1		07/13/08 07:26	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.7	1		07/13/08 07:26	1634-04-4	
Naphthalene	ND ug/kg		4.7	1		07/13/08 07:26	91-20-3	
n-Propylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	103-65-1	
Styrene	ND ug/kg		4.7	1		07/13/08 07:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.7	1		07/13/08 07:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.7	1		07/13/08 07:26	79-34-5	
Tetrachloroethene	ND ug/kg		4.7	1		07/13/08 07:26	127-18-4	
Toluene	ND ug/kg		4.7	1		07/13/08 07:26	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.7	1		07/13/08 07:26	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.7	1		07/13/08 07:26	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.7	1		07/13/08 07:26	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.7	1		07/13/08 07:26	79-00-5	
Trichloroethene	ND ug/kg		4.7	1		07/13/08 07:26	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.7	1		07/13/08 07:26	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		4.7	1		07/13/08 07:26	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.7	1		07/13/08 07:26	108-67-8	
Vinyl acetate	ND ug/kg		94.8	1		07/13/08 07:26	108-05-4	
Vinyl chloride	ND ug/kg		4.7	1		07/13/08 07:26	75-01-4	
Xylene (Total)	ND ug/kg		9.5	1		07/13/08 07:26	1330-20-7	
Dibromofluoromethane (S)	100 %		80-124	1		07/13/08 07:26	1868-53-7	
Toluene-d8 (S)	114 %		58-145	1		07/13/08 07:26	2037-26-5	
4-Bromofluorobenzene (S)	94 %		61-131	1		07/13/08 07:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	8.4 %		0.10	1		07/09/08 14:42		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-TB	Lab ID: 5016499009	Collected: 07/01/08 11:32	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/13/08 11:13	67-64-1	
Acrolein	ND ug/L		100	1		07/13/08 11:13	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/13/08 11:13	107-13-1	
Benzene	ND ug/L		5.0	1		07/13/08 11:13	71-43-2	
Bromobenzene	ND ug/L		5.0	1		07/13/08 11:13	108-86-1	
Bromoform	ND ug/L		5.0	1		07/13/08 11:13	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/13/08 11:13	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/13/08 11:13	75-25-2	
Bromoform	ND ug/L		5.0	1		07/13/08 11:13	74-83-9	
Bromomethane	ND ug/L		5.0	1		07/13/08 11:13	78-93-3	
2-Butanone (MEK)	ND ug/L		25.0	1		07/13/08 11:13	104-51-8	
n-Butylbenzene	ND ug/L		5.0	1		07/13/08 11:13	135-98-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/13/08 11:13	98-06-6	
tert-Butylbenzene	ND ug/L		5.0	1		07/13/08 11:13	75-15-0	
Carbon disulfide	ND ug/L		10.0	1		07/13/08 11:13	56-23-5	
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 11:13	124-48-1	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 11:13	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 11:13	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 11:13	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 11:13	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 11:13	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 11:13	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 11:13	142-28-9	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 11:13	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 11:13	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 11:13	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 11:13	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 11:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 11:13	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 11:13	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 11:13	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 11:13	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 11:13	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 11:13	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 11:13	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 11:13	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 11:13	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 11:13	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 11:13	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 11:13	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 11:13	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 11:13	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 11:13	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 11:13	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 11:13	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 11:13	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 11:13	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 11:13	98-82-8	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-SB-TB	Lab ID: 5016499009	Collected: 07/01/08 11:32	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		07/13/08 11:13	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		07/13/08 11:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		07/13/08 11:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		07/13/08 11:13	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		07/13/08 11:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/13/08 11:13	103-65-1	
Styrene	ND	ug/L	5.0	1		07/13/08 11:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 11:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 11:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/13/08 11:13	127-18-4	
Toluene	ND	ug/L	5.0	1		07/13/08 11:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 11:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 11:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/13/08 11:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/13/08 11:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/13/08 11:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/13/08 11:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/13/08 11:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 11:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 11:13	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/13/08 11:13	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/13/08 11:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/13/08 11:13	1330-20-7	
Dibromofluoromethane (S)	101 %		80-123	1		07/13/08 11:13	1868-53-7	
4-Bromofluorobenzene (S)	94 %		70-126	1		07/13/08 11:13	460-00-4	
Toluene-d8 (S)	115 %		80-116	1		07/13/08 11:13	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project
Pace Project No.: 5016499

Sample: DR-GW-GP-04	Lab ID: 5016499010	Collected: 07/02/08 19:31	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND mg/L	0.10	1	07/08/08 00:00	07/09/08 17:15			1d
n-Pentacosane (S)	30 %	40-156	1	07/08/08 00:00	07/09/08 17:15	629-99-2		S0
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND mg/L	0.20	1		07/12/08 02:44			
4-Bromofluorobenzene (S)	75 %	40-128	1		07/12/08 02:44	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	430 ug/L	10.0	1	07/06/08 00:00	07/07/08 08:34	7440-38-2		
Barium	1560 ug/L	100	1	07/06/08 00:00	07/07/08 08:34	7440-39-3		
Cadmium	20.8 ug/L	5.0	1	07/06/08 00:00	07/07/08 08:34	7440-43-9		
Chromium	458 ug/L	10.0	1	07/06/08 00:00	07/07/08 08:34	7440-47-3		
Lead	446 ug/L	10.0	1	07/06/08 00:00	07/07/08 08:34	7439-92-1		
Selenium	28.1 ug/L	10.0	1	07/06/08 00:00	07/07/08 08:34	7782-49-2		
Silver	ND ug/L	50.0	1	07/06/08 00:00	07/07/08 08:34	7440-22-4		
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND ug/L	2.0	1	07/09/08 00:00	07/10/08 09:22	7439-97-6		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND ug/L	0.10	1	07/07/08 00:00	07/11/08 00:19	56-55-3		
Benzo(a)pyrene	ND ug/L	0.10	1	07/07/08 00:00	07/11/08 00:19	50-32-8		
Benzo(b)fluoranthene	ND ug/L	0.10	1	07/07/08 00:00	07/11/08 00:19	205-99-2		
Benzo(k)fluoranthene	ND ug/L	0.10	1	07/07/08 00:00	07/11/08 00:19	207-08-9		
Chrysene	ND ug/L	0.50	1	07/07/08 00:00	07/11/08 00:19	218-01-9		
Dibenz(a,h)anthracene	ND ug/L	0.10	1	07/07/08 00:00	07/11/08 00:19	53-70-3		
Indeno(1,2,3-cd)pyrene	ND ug/L	0.10	1	07/07/08 00:00	07/11/08 00:19	193-39-5		
Naphthalene	ND ug/L	1.0	1	07/07/08 00:00	07/11/08 00:19	91-20-3		
2-Fluorobiphenyl (S)	101 %	35-116	1	07/07/08 00:00	07/11/08 00:19	321-60-8		
Terphenyl-d14 (S)	102 %	25-117	1	07/07/08 00:00	07/11/08 00:19	1718-51-0		
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L	100	1		07/13/08 11:50	67-64-1		
Acrolein	ND ug/L	100	1		07/13/08 11:50	107-02-8		
Acrylonitrile	ND ug/L	100	1		07/13/08 11:50	107-13-1		
Benzene	ND ug/L	5.0	1		07/13/08 11:50	71-43-2		
Bromobenzene	ND ug/L	5.0	1		07/13/08 11:50	108-86-1		
Bromoform	ND ug/L	5.0	1		07/13/08 11:50	74-97-5		
Bromochloromethane	ND ug/L	5.0	1		07/13/08 11:50	75-27-4		
Bromodichloromethane	ND ug/L	5.0	1		07/13/08 11:50	75-25-2		
Bromoform	ND ug/L	5.0	1		07/13/08 11:50	74-83-9		
2-Butanone (MEK)	ND ug/L	25.0	1		07/13/08 11:50	78-93-3		
n-Butylbenzene	ND ug/L	5.0	1		07/13/08 11:50	104-51-8		
sec-Butylbenzene	ND ug/L	5.0	1		07/13/08 11:50	135-98-8		
tert-Butylbenzene	ND ug/L	5.0	1		07/13/08 11:50	98-06-6		
Carbon disulfide	ND ug/L	10.0	1		07/13/08 11:50	75-15-0		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-04	Lab ID: 5016499010	Collected: 07/02/08 19:31	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 11:50	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 11:50	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 11:50	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 11:50	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 11:50	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 11:50	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 11:50	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 11:50	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 11:50	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 11:50	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 11:50	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 11:50	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 11:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 11:50	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 11:50	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 11:50	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 11:50	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 11:50	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 11:50	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 11:50	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 11:50	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 11:50	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 11:50	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 11:50	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 11:50	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 11:50	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 11:50	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 11:50	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 11:50	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 11:50	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 11:50	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 11:50	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 11:50	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/13/08 11:50	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/13/08 11:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/13/08 11:50	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/13/08 11:50	1634-04-4	
Naphthalene	ND ug/L		5.0	1		07/13/08 11:50	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		07/13/08 11:50	103-65-1	
Styrene	ND ug/L		5.0	1		07/13/08 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		07/13/08 11:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		07/13/08 11:50	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		07/13/08 11:50	127-18-4	
Toluene	ND ug/L		5.0	1		07/13/08 11:50	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		07/13/08 11:50	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		07/13/08 11:50	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		07/13/08 11:50	71-55-6	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-04	Lab ID: 5016499010	Collected: 07/02/08 19:31	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,1,2-Trichloroethane	ND ug/L		5.0	1		07/13/08 11:50	79-00-5	
Trichloroethene	ND ug/L		5.0	1		07/13/08 11:50	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		07/13/08 11:50	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		07/13/08 11:50	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		07/13/08 11:50	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		07/13/08 11:50	108-67-8	
Vinyl acetate	ND ug/L		10.0	1		07/13/08 11:50	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		07/13/08 11:50	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		07/13/08 11:50	1330-20-7	
Dibromofluoromethane (S)	100 %		80-123	1		07/13/08 11:50	1868-53-7	pH
4-Bromofluorobenzene (S)	91 %		70-126	1		07/13/08 11:50	460-00-4	
Toluene-d8 (S)	115 %		80-116	1		07/13/08 11:50	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-02	Lab ID: 5016499011	Collected: 07/02/08 08:50	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND mg/L		0.10	1	07/08/08 00:00	07/09/08 16:32		
n-Pentacosane (S)	41 %		40-156	1	07/08/08 00:00	07/09/08 16:32	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 11:02	11096-82-5	
Tetrachloro-m-xylene (S)	76 %		17-135	1	07/07/08 00:00	07/08/08 11:02	877-09-8	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND mg/L		0.20	1		07/12/08 03:07		
4-Bromofluorobenzene (S)	82 %		40-128	1		07/12/08 03:07	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	69.6 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:39	7440-38-2	
Barium	297 ug/L		100	1	07/06/08 00:00	07/07/08 08:39	7440-39-3	
Cadmium	ND ug/L		5.0	1	07/06/08 00:00	07/07/08 08:39	7440-43-9	
Chromium	81.6 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:39	7440-47-3	
Lead	73.2 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:39	7439-92-1	
Selenium	21.6 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:39	7782-49-2	
Silver	ND ug/L		50.0	1	07/06/08 00:00	07/07/08 08:39	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND ug/L		2.0	1	07/09/08 00:00	07/10/08 09:23	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND ug/L		0.10	1	07/08/08 00:00	07/09/08 22:44	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	07/08/08 00:00	07/09/08 22:44	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	07/08/08 00:00	07/09/08 22:44	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	07/08/08 00:00	07/09/08 22:44	207-08-9	
Chrysene	ND ug/L		0.50	1	07/08/08 00:00	07/09/08 22:44	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	07/08/08 00:00	07/09/08 22:44	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	07/08/08 00:00	07/09/08 22:44	193-39-5	
Naphthalene	ND ug/L		1.0	1	07/08/08 00:00	07/09/08 22:44	91-20-3	
2-Fluorobiphenyl (S)	86 %		35-116	1	07/08/08 00:00	07/09/08 22:44	321-60-8	
Terphenyl-d14 (S)	93 %		25-117	1	07/08/08 00:00	07/09/08 22:44	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/13/08 12:27	67-64-1	
Acrolein	ND ug/L		100	1		07/13/08 12:27	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/13/08 12:27	107-13-1	
Benzene	ND ug/L		5.0	1		07/13/08 12:27	71-43-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-02	Lab ID: 5016499011	Collected: 07/02/08 08:50	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromobenzene	ND ug/L		5.0	1		07/13/08 12:27	108-86-1	
Bromoform	ND ug/L		5.0	1		07/13/08 12:27	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/13/08 12:27	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/13/08 12:27	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/13/08 12:27	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/13/08 12:27	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/13/08 12:27	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/13/08 12:27	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/13/08 12:27	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/13/08 12:27	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 12:27	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 12:27	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 12:27	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 12:27	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 12:27	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 12:27	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 12:27	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 12:27	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 12:27	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 12:27	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 12:27	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 12:27	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 12:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 12:27	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 12:27	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 12:27	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 12:27	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 12:27	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 12:27	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 12:27	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 12:27	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 12:27	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 12:27	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 12:27	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 12:27	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 12:27	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 12:27	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 12:27	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 12:27	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 12:27	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 12:27	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 12:27	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 12:27	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/13/08 12:27	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/13/08 12:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/13/08 12:27	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/13/08 12:27	1634-04-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-02	Lab ID: 5016499011	Collected: 07/02/08 08:50	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		07/13/08 12:27	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/13/08 12:27	103-65-1	
Styrene	ND	ug/L	5.0	1		07/13/08 12:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 12:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 12:27	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/13/08 12:27	127-18-4	
Toluene	ND	ug/L	5.0	1		07/13/08 12:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 12:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 12:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/13/08 12:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/13/08 12:27	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/13/08 12:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/13/08 12:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/13/08 12:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 12:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 12:27	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/13/08 12:27	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/13/08 12:27	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/13/08 12:27	1330-20-7	
Dibromofluoromethane (S)	99 %		80-123	1		07/13/08 12:27	1868-53-7	
4-Bromofluorobenzene (S)	91 %		70-126	1		07/13/08 12:27	460-00-4	
Toluene-d8 (S)	115 %		80-116	1		07/13/08 12:27	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-03	Lab ID: 5016499012	Collected: 07/01/08 19:12	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND mg/L		0.10	1	07/08/08 00:00	07/09/08 16:04		
n-Pentacosane (S)	56 %		40-156	1	07/08/08 00:00	07/09/08 16:04	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:19	11096-82-5	
Tetrachloro-m-xylene (S)	75 %		17-135	1	07/07/08 00:00	07/08/08 10:19	877-09-8	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND mg/L		0.20	1		07/12/08 00:05		
4-Bromofluorobenzene (S)	81 %		40-128	1		07/12/08 00:05	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	23.1 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:45	7440-38-2	
Barium	182 ug/L		100	1	07/06/08 00:00	07/07/08 08:45	7440-39-3	
Cadmium	ND ug/L		5.0	1	07/06/08 00:00	07/07/08 08:45	7440-43-9	
Chromium	28.3 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:45	7440-47-3	
Lead	24.6 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:45	7439-92-1	
Selenium	12.7 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:45	7782-49-2	
Silver	ND ug/L		50.0	1	07/06/08 00:00	07/07/08 08:45	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND ug/L		2.0	1	07/09/08 00:00	07/10/08 09:25	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:12	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:12	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:12	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:12	207-08-9	
Chrysene	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 22:12	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:12	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:12	193-39-5	
Naphthalene	ND ug/L		1.0	1	07/07/08 00:00	07/08/08 22:12	91-20-3	
2-Fluorobiphenyl (S)	88 %		35-116	1	07/07/08 00:00	07/08/08 22:12	321-60-8	
Terphenyl-d14 (S)	93 %		25-117	1	07/07/08 00:00	07/08/08 22:12	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/13/08 13:02	67-64-1	
Acrolein	ND ug/L		100	1		07/13/08 13:02	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/13/08 13:02	107-13-1	
Benzene	ND ug/L		5.0	1		07/13/08 13:02	71-43-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-03	Lab ID: 5016499012	Collected: 07/01/08 19:12	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromobenzene	ND ug/L		5.0	1		07/13/08 13:02	108-86-1	
Bromoform	ND ug/L		5.0	1		07/13/08 13:02	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/13/08 13:02	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/13/08 13:02	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/13/08 13:02	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/13/08 13:02	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/13/08 13:02	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/13/08 13:02	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/13/08 13:02	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/13/08 13:02	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 13:02	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 13:02	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 13:02	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 13:02	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 13:02	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 13:02	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 13:02	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 13:02	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 13:02	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 13:02	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 13:02	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 13:02	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 13:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 13:02	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 13:02	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 13:02	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 13:02	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 13:02	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 13:02	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 13:02	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 13:02	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 13:02	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 13:02	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 13:02	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 13:02	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 13:02	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 13:02	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 13:02	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 13:02	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 13:02	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 13:02	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 13:02	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 13:02	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/13/08 13:02	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/13/08 13:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/13/08 13:02	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/13/08 13:02	1634-04-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-03	Lab ID: 5016499012	Collected: 07/01/08 19:12	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		07/13/08 13:02	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/13/08 13:02	103-65-1	
Styrene	ND	ug/L	5.0	1		07/13/08 13:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 13:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 13:02	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/13/08 13:02	127-18-4	
Toluene	ND	ug/L	5.0	1		07/13/08 13:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 13:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 13:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/13/08 13:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/13/08 13:02	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/13/08 13:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/13/08 13:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/13/08 13:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 13:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 13:02	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/13/08 13:02	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/13/08 13:02	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/13/08 13:02	1330-20-7	
Dibromofluoromethane (S)	100 %		80-123	1		07/13/08 13:02	1868-53-7	
4-Bromofluorobenzene (S)	93 %		70-126	1		07/13/08 13:02	460-00-4	
Toluene-d8 (S)	118 %		80-116	1		07/13/08 13:02	2037-26-5	S3

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-01	Lab ID: 5016499013	Collected: 07/01/08 18:09	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND mg/L		0.10	1	07/08/08 00:00	07/09/08 16:11		
n-Pentacosane (S)	48 %		40-156	1	07/08/08 00:00	07/09/08 16:11	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/L		0.51	1	07/07/08 00:00	07/08/08 10:28	11096-82-5	
Tetrachloro-m-xylene (S)	73 %		17-135	1	07/07/08 00:00	07/08/08 10:28	877-09-8	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND mg/L		0.20	1		07/11/08 22:34		
4-Bromofluorobenzene (S)	82 %		40-128	1		07/11/08 22:34	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	283 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:51	7440-38-2	
Barium	850 ug/L		100	1	07/06/08 00:00	07/07/08 08:51	7440-39-3	
Cadmium	19.4 ug/L		5.0	1	07/06/08 00:00	07/07/08 08:51	7440-43-9	
Chromium	270 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:51	7440-47-3	
Lead	275 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:51	7439-92-1	
Selenium	34.1 ug/L		10.0	1	07/06/08 00:00	07/07/08 08:51	7782-49-2	
Silver	ND ug/L		50.0	1	07/06/08 00:00	07/07/08 08:51	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND ug/L		2.0	1	07/09/08 00:00	07/10/08 09:26	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:34	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:34	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:34	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:34	207-08-9	
Chrysene	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 22:34	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:34	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 22:34	193-39-5	
Naphthalene	ND ug/L		1.0	1	07/07/08 00:00	07/08/08 22:34	91-20-3	
2-Fluorobiphenyl (S)	89 %		35-116	1	07/07/08 00:00	07/08/08 22:34	321-60-8	
Terphenyl-d14 (S)	91 %		25-117	1	07/07/08 00:00	07/08/08 22:34	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/13/08 13:36	67-64-1	
Acrolein	ND ug/L		100	1		07/13/08 13:36	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/13/08 13:36	107-13-1	
Benzene	ND ug/L		5.0	1		07/13/08 13:36	71-43-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-01	Lab ID: 5016499013	Collected: 07/01/08 18:09	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromobenzene	ND ug/L		5.0	1		07/13/08 13:36	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		07/13/08 13:36	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		07/13/08 13:36	75-27-4	
Bromoform	ND ug/L		5.0	1		07/13/08 13:36	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/13/08 13:36	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/13/08 13:36	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/13/08 13:36	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/13/08 13:36	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/13/08 13:36	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/13/08 13:36	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 13:36	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 13:36	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 13:36	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 13:36	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 13:36	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 13:36	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 13:36	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 13:36	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 13:36	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 13:36	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 13:36	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 13:36	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 13:36	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 13:36	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 13:36	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 13:36	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 13:36	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 13:36	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 13:36	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 13:36	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 13:36	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 13:36	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 13:36	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 13:36	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 13:36	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 13:36	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 13:36	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 13:36	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 13:36	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 13:36	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 13:36	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 13:36	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 13:36	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/13/08 13:36	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/13/08 13:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/13/08 13:36	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/13/08 13:36	1634-04-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-01	Lab ID: 5016499013	Collected: 07/01/08 18:09	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		07/13/08 13:36	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/13/08 13:36	103-65-1	
Styrene	ND	ug/L	5.0	1		07/13/08 13:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 13:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 13:36	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/13/08 13:36	127-18-4	
Toluene	ND	ug/L	5.0	1		07/13/08 13:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 13:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 13:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/13/08 13:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/13/08 13:36	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/13/08 13:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/13/08 13:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/13/08 13:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 13:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 13:36	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/13/08 13:36	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/13/08 13:36	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/13/08 13:36	1330-20-7	
Dibromofluoromethane (S)	98 %		80-123	1		07/13/08 13:36	1868-53-7	
4-Bromofluorobenzene (S)	93 %		70-126	1		07/13/08 13:36	460-00-4	
Toluene-d8 (S)	115 %		80-116	1		07/13/08 13:36	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-05	Lab ID: 5016499014	Collected: 07/02/08 15:15	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND mg/L	0.11	1	07/08/08 00:00	07/09/08 16:39			2d
n-Pentacosane (S)	35 %	40-156	1	07/08/08 00:00	07/09/08 16:39	629-99-2		S0
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND mg/L	0.20	1		07/12/08 03:30			
4-Bromofluorobenzene (S)	82 %	40-128	1		07/12/08 03:30	460-00-4		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	186 ug/L	10.0	1	07/06/08 00:00	07/07/08 09:31	7440-38-2		
Barium	1880 ug/L	100	1	07/06/08 00:00	07/07/08 09:31	7440-39-3		
Cadmium	10.7 ug/L	5.0	1	07/06/08 00:00	07/07/08 09:31	7440-43-9		
Chromium	286 ug/L	10.0	1	07/06/08 00:00	07/07/08 09:31	7440-47-3		
Lead	183 ug/L	10.0	1	07/06/08 00:00	07/07/08 09:31	7439-92-1		
Selenium	30.1 ug/L	10.0	1	07/06/08 00:00	07/07/08 09:31	7782-49-2		
Silver	ND ug/L	50.0	1	07/06/08 00:00	07/07/08 09:31	7440-22-4		
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND ug/L	2.0	1	07/09/08 00:00	07/10/08 09:30	7439-97-6		
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND ug/L	0.10	1	07/08/08 00:00	07/09/08 23:06	56-55-3		
Benzo(a)pyrene	ND ug/L	0.10	1	07/08/08 00:00	07/09/08 23:06	50-32-8		
Benzo(b)fluoranthene	ND ug/L	0.10	1	07/08/08 00:00	07/09/08 23:06	205-99-2		
Benzo(k)fluoranthene	ND ug/L	0.10	1	07/08/08 00:00	07/09/08 23:06	207-08-9		
Chrysene	ND ug/L	0.50	1	07/08/08 00:00	07/09/08 23:06	218-01-9		
Dibenz(a,h)anthracene	ND ug/L	0.10	1	07/08/08 00:00	07/09/08 23:06	53-70-3		
Indeno(1,2,3-cd)pyrene	ND ug/L	0.10	1	07/08/08 00:00	07/09/08 23:06	193-39-5		
Naphthalene	ND ug/L	1.0	1	07/08/08 00:00	07/09/08 23:06	91-20-3		
2-Fluorobiphenyl (S)	87 %	35-116	1	07/08/08 00:00	07/09/08 23:06	321-60-8		
Terphenyl-d14 (S)	96 %	25-117	1	07/08/08 00:00	07/09/08 23:06	1718-51-0		
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L	100	1		07/13/08 15:12	67-64-1		
Acrolein	ND ug/L	100	1		07/13/08 15:12	107-02-8		
Acrylonitrile	ND ug/L	100	1		07/13/08 15:12	107-13-1		
Benzene	ND ug/L	5.0	1		07/13/08 15:12	71-43-2		
Bromobenzene	ND ug/L	5.0	1		07/13/08 15:12	108-86-1		
Bromoform	ND ug/L	5.0	1		07/13/08 15:12	74-97-5		
Bromochloromethane	ND ug/L	5.0	1		07/13/08 15:12	75-27-4		
Bromodichloromethane	ND ug/L	5.0	1		07/13/08 15:12	75-25-2		
Bromoform	ND ug/L	5.0	1		07/13/08 15:12	74-83-9		
2-Butanone (MEK)	ND ug/L	25.0	1		07/13/08 15:12	78-93-3		
n-Butylbenzene	ND ug/L	5.0	1		07/13/08 15:12	104-51-8		
sec-Butylbenzene	ND ug/L	5.0	1		07/13/08 15:12	135-98-8		
tert-Butylbenzene	ND ug/L	5.0	1		07/13/08 15:12	98-06-6		
Carbon disulfide	ND ug/L	10.0	1		07/13/08 15:12	75-15-0		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-05	Lab ID: 5016499014	Collected: 07/02/08 15:15	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 15:12	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 15:12	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 15:12	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 15:12	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 15:12	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 15:12	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 15:12	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 15:12	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 15:12	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 15:12	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 15:12	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 15:12	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 15:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 15:12	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 15:12	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 15:12	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 15:12	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 15:12	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 15:12	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 15:12	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 15:12	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 15:12	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 15:12	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 15:12	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 15:12	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 15:12	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 15:12	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 15:12	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 15:12	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 15:12	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 15:12	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 15:12	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 15:12	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/13/08 15:12	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/13/08 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/13/08 15:12	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/13/08 15:12	1634-04-4	
Naphthalene	ND ug/L		5.0	1		07/13/08 15:12	91-20-3	
n-Propylbenzene	ND ug/L		5.0	1		07/13/08 15:12	103-65-1	
Styrene	ND ug/L		5.0	1		07/13/08 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		5.0	1		07/13/08 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		5.0	1		07/13/08 15:12	79-34-5	
Tetrachloroethene	ND ug/L		5.0	1		07/13/08 15:12	127-18-4	
Toluene	ND ug/L		5.0	1		07/13/08 15:12	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		5.0	1		07/13/08 15:12	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		5.0	1		07/13/08 15:12	120-82-1	
1,1,1-Trichloroethane	ND ug/L		5.0	1		07/13/08 15:12	71-55-6	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-05	Lab ID: 5016499014	Collected: 07/02/08 15:15	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
1,1,2-Trichloroethane	ND ug/L		5.0	1		07/13/08 15:12	79-00-5	
Trichloroethene	ND ug/L		5.0	1		07/13/08 15:12	79-01-6	
Trichlorofluoromethane	ND ug/L		5.0	1		07/13/08 15:12	75-69-4	
1,2,3-Trichloropropane	ND ug/L		5.0	1		07/13/08 15:12	96-18-4	
1,2,4-Trimethylbenzene	ND ug/L		5.0	1		07/13/08 15:12	95-63-6	
1,3,5-Trimethylbenzene	ND ug/L		5.0	1		07/13/08 15:12	108-67-8	
Vinyl acetate	ND ug/L		10.0	1		07/13/08 15:12	108-05-4	
Vinyl chloride	ND ug/L		2.0	1		07/13/08 15:12	75-01-4	
Xylene (Total)	ND ug/L		10.0	1		07/13/08 15:12	1330-20-7	
Dibromofluoromethane (S)	102 %		80-123	1		07/13/08 15:12	1868-53-7	
4-Bromofluorobenzene (S)	94 %		70-126	1		07/13/08 15:12	460-00-4	
Toluene-d8 (S)	115 %		80-116	1		07/13/08 15:12	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-06	Lab ID: 5016499015	Collected: 07/02/08 19:25	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/14/08 18:10	67-64-1	
Acrolein	ND ug/L		100	1		07/14/08 18:10	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/14/08 18:10	107-13-1	
Benzene	ND ug/L		5.0	1		07/14/08 18:10	71-43-2	
Bromobenzene	ND ug/L		5.0	1		07/14/08 18:10	108-86-1	
Bromoform	ND ug/L		5.0	1		07/14/08 18:10	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/14/08 18:10	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/14/08 18:10	75-25-2	
Bromoform	ND ug/L		5.0	1		07/14/08 18:10	74-83-9	
Bromomethane	ND ug/L		5.0	1		07/14/08 18:10	78-93-3	
2-Butanone (MEK)	ND ug/L		25.0	1		07/14/08 18:10	104-51-8	
n-Butylbenzene	ND ug/L		5.0	1		07/14/08 18:10	135-98-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/14/08 18:10	98-06-6	
tert-Butylbenzene	ND ug/L		5.0	1		07/14/08 18:10	75-15-0	
Carbon disulfide	ND ug/L		10.0	1		07/14/08 18:10	56-23-5	
Carbon tetrachloride	ND ug/L		5.0	1		07/14/08 18:10	124-48-1	
Chlorobenzene	ND ug/L		5.0	1		07/14/08 18:10	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/14/08 18:10	75-00-3	
Chloroform	ND ug/L		5.0	1		07/14/08 18:10	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/14/08 18:10	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/14/08 18:10	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/14/08 18:10	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/14/08 18:10	142-28-9	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/14/08 18:10	594-20-7	
Dibromomethane	ND ug/L		5.0	1		07/14/08 18:10	106-93-4	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 18:10	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 18:10	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 18:10	110-57-6	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/14/08 18:10	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/14/08 18:10	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/14/08 18:10	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/14/08 18:10	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/14/08 18:10	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 18:10	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 18:10	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 18:10	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/14/08 18:10	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 18:10	563-58-6	
1,1-Dichloropropene	ND ug/L		5.0	1		07/14/08 18:10	10061-01-5	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 18:10	10061-02-6	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 18:10	100-41-4	
Ethylbenzene	ND ug/L		5.0	1		07/14/08 18:10	97-63-2	
Ethyl methacrylate	ND ug/L		100	1		07/14/08 18:10	87-68-3	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/14/08 18:10	110-54-3	
n-Hexane	ND ug/L		5.0	1		07/14/08 18:10	591-78-6	
2-Hexanone	ND ug/L		25.0	1		07/14/08 18:10	74-88-4	
Iodomethane	ND ug/L		10.0	1		07/14/08 18:10	98-82-8	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/14/08 18:10		

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-06	Lab ID: 5016499015	Collected: 07/02/08 19:25	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND	ug/L	5.0	1		07/14/08 18:10	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		07/14/08 18:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		07/14/08 18:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		07/14/08 18:10	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		07/14/08 18:10	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/14/08 18:10	103-65-1	
Styrene	ND	ug/L	5.0	1		07/14/08 18:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 18:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 18:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/14/08 18:10	127-18-4	
Toluene	ND	ug/L	5.0	1		07/14/08 18:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 18:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 18:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/14/08 18:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/14/08 18:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/14/08 18:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/14/08 18:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/14/08 18:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 18:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 18:10	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/14/08 18:10	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/14/08 18:10	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/14/08 18:10	1330-20-7	
Dibromofluoromethane (S)	100 %		80-123	1		07/14/08 18:10	1868-53-7	
4-Bromofluorobenzene (S)	100 %		70-126	1		07/14/08 18:10	460-00-4	
Toluene-d8 (S)	102 %		80-116	1		07/14/08 18:10	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-07	Lab ID: 5016499016	Collected: 07/02/08 14:56	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/13/08 16:16	67-64-1	
Acrolein	ND ug/L		100	1		07/13/08 16:16	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/13/08 16:16	107-13-1	
Benzene	ND ug/L		5.0	1		07/13/08 16:16	71-43-2	
Bromobenzene	ND ug/L		5.0	1		07/13/08 16:16	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		07/13/08 16:16	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		07/13/08 16:16	75-27-4	
Bromoform	ND ug/L		5.0	1		07/13/08 16:16	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/13/08 16:16	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/13/08 16:16	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/13/08 16:16	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/13/08 16:16	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/13/08 16:16	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/13/08 16:16	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 16:16	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 16:16	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 16:16	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 16:16	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 16:16	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 16:16	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 16:16	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 16:16	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 16:16	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 16:16	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 16:16	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 16:16	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 16:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 16:16	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 16:16	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 16:16	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 16:16	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 16:16	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 16:16	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 16:16	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 16:16	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 16:16	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 16:16	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 16:16	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 16:16	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 16:16	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 16:16	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 16:16	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 16:16	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 16:16	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 16:16	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 16:16	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 16:16	98-82-8	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-07	Lab ID: 5016499016	Collected: 07/02/08 14:56	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260						
p-Isopropyltoluene	ND	ug/L	5.0	1		07/13/08 16:16	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		07/13/08 16:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		07/13/08 16:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		07/13/08 16:16	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		07/13/08 16:16	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/13/08 16:16	103-65-1	
Styrene	ND	ug/L	5.0	1		07/13/08 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 16:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 16:16	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/13/08 16:16	127-18-4	
Toluene	ND	ug/L	5.0	1		07/13/08 16:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 16:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 16:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/13/08 16:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/13/08 16:16	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/13/08 16:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/13/08 16:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/13/08 16:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 16:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 16:16	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/13/08 16:16	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/13/08 16:16	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/13/08 16:16	1330-20-7	
Dibromofluoromethane (S)	99 %		80-123	1		07/13/08 16:16	1868-53-7	
4-Bromofluorobenzene (S)	93 %		70-126	1		07/13/08 16:16	460-00-4	
Toluene-d8 (S)	115 %		80-116	1		07/13/08 16:16	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-08	Lab ID: 5016499017	Collected: 07/01/08 17:11	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/14/08 18:48	67-64-1	
Acrolein	ND ug/L		100	1		07/14/08 18:48	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/14/08 18:48	107-13-1	
Benzene	ND ug/L		5.0	1		07/14/08 18:48	71-43-2	
Bromobenzene	ND ug/L		5.0	1		07/14/08 18:48	108-86-1	
Bromoform	ND ug/L		5.0	1		07/14/08 18:48	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/14/08 18:48	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/14/08 18:48	75-25-2	
Bromoform	ND ug/L		5.0	1		07/14/08 18:48	74-83-9	
Bromomethane	ND ug/L		5.0	1		07/14/08 18:48	78-93-3	
2-Butanone (MEK)	ND ug/L		25.0	1		07/14/08 18:48	104-51-8	
n-Butylbenzene	ND ug/L		5.0	1		07/14/08 18:48	135-98-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/14/08 18:48	98-06-6	
tert-Butylbenzene	ND ug/L		5.0	1		07/14/08 18:48	75-15-0	
Carbon disulfide	ND ug/L		10.0	1		07/14/08 18:48	56-23-5	
Carbon tetrachloride	ND ug/L		5.0	1		07/14/08 18:48	108-90-7	
Chlorobenzene	ND ug/L		5.0	1		07/14/08 18:48	75-00-3	
Chloroethane	ND ug/L		5.0	1		07/14/08 18:48	67-66-3	
Chloroform	ND ug/L		5.0	1		07/14/08 18:48	74-87-3	
Chloromethane	ND ug/L		5.0	1		07/14/08 18:48	95-49-8	
2-Chlorotoluene	ND ug/L		5.0	1		07/14/08 18:48	106-43-4	
4-Chlorotoluene	ND ug/L		5.0	1		07/14/08 18:48	124-48-1	
Dibromochloromethane	ND ug/L		5.0	1		07/14/08 18:48	106-93-4	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/14/08 18:48	74-95-3	
Dibromomethane	ND ug/L		5.0	1		07/14/08 18:48	95-50-1	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 18:48	541-73-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 18:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/14/08 18:48	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/14/08 18:48	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/14/08 18:48	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/14/08 18:48	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/14/08 18:48	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 18:48	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 18:48	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 18:48	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/14/08 18:48	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 18:48	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/14/08 18:48	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 18:48	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 18:48	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/14/08 18:48	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/14/08 18:48	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/14/08 18:48	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/14/08 18:48	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/14/08 18:48	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/14/08 18:48	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/14/08 18:48	98-82-8	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-GP-08	Lab ID: 5016499017	Collected: 07/01/08 17:11	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		07/14/08 18:48	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		07/14/08 18:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		07/14/08 18:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		07/14/08 18:48	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		07/14/08 18:48	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/14/08 18:48	103-65-1	
Styrene	ND	ug/L	5.0	1		07/14/08 18:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 18:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 18:48	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/14/08 18:48	127-18-4	
Toluene	ND	ug/L	5.0	1		07/14/08 18:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 18:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 18:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/14/08 18:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/14/08 18:48	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/14/08 18:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/14/08 18:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/14/08 18:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 18:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 18:48	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/14/08 18:48	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/14/08 18:48	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/14/08 18:48	1330-20-7	
Dibromofluoromethane (S)	98 %		80-123	1		07/14/08 18:48	1868-53-7	pH
4-Bromofluorobenzene (S)	98 %		70-126	1		07/14/08 18:48	460-00-4	
Toluene-d8 (S)	103 %		80-116	1		07/14/08 18:48	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-FD	Lab ID: 5016499018	Collected: 07/01/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND mg/L		0.10	1	07/08/08 00:00	07/09/08 17:07		
n-Pentacosane (S)	48 %		40-156	1	07/08/08 00:00	07/09/08 17:07	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 10:53	11096-82-5	
Tetrachloro-m-xylene (S)	75 %		17-135	1	07/07/08 00:00	07/08/08 10:53	877-09-8	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND mg/L		0.20	1		07/12/08 00:28		
4-Bromofluorobenzene (S)	76 %		40-128	1		07/12/08 00:28	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	24.9 ug/L		10.0	1	07/06/08 00:00	07/07/08 09:37	7440-38-2	
Barium	177 ug/L		100	1	07/06/08 00:00	07/07/08 09:37	7440-39-3	
Cadmium	ND ug/L		5.0	1	07/06/08 00:00	07/07/08 09:37	7440-43-9	
Chromium	26.6 ug/L		10.0	1	07/06/08 00:00	07/07/08 09:37	7440-47-3	
Lead	22.2 ug/L		10.0	1	07/06/08 00:00	07/07/08 09:37	7439-92-1	
Selenium	11.0 ug/L		10.0	1	07/06/08 00:00	07/07/08 09:37	7782-49-2	
Silver	ND ug/L		50.0	1	07/06/08 00:00	07/07/08 09:37	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND ug/L		2.0	1	07/09/08 00:00	07/10/08 09:32	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 23:40	56-55-3	
Benzo(a)pyrene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 23:40	50-32-8	
Benzo(b)fluoranthene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 23:40	205-99-2	
Benzo(k)fluoranthene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 23:40	207-08-9	
Chrysene	ND ug/L		0.50	1	07/07/08 00:00	07/08/08 23:40	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 23:40	53-70-3	
Indeno(1,2,3-cd)pyrene	ND ug/L		0.10	1	07/07/08 00:00	07/08/08 23:40	193-39-5	
Naphthalene	ND ug/L		1.0	1	07/07/08 00:00	07/08/08 23:40	91-20-3	
2-Fluorobiphenyl (S)	93 %		35-116	1	07/07/08 00:00	07/08/08 23:40	321-60-8	
Terphenyl-d14 (S)	98 %		25-117	1	07/07/08 00:00	07/08/08 23:40	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/14/08 19:25	67-64-1	
Acrolein	ND ug/L		100	1		07/14/08 19:25	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/14/08 19:25	107-13-1	
Benzene	ND ug/L		5.0	1		07/14/08 19:25	71-43-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-FD	Lab ID: 5016499018	Collected: 07/01/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromobenzene	ND ug/L		5.0	1		07/14/08 19:25	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		07/14/08 19:25	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		07/14/08 19:25	75-27-4	
Bromoform	ND ug/L		5.0	1		07/14/08 19:25	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/14/08 19:25	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/14/08 19:25	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/14/08 19:25	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/14/08 19:25	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/14/08 19:25	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/14/08 19:25	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/14/08 19:25	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/14/08 19:25	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/14/08 19:25	75-00-3	
Chloroform	ND ug/L		5.0	1		07/14/08 19:25	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/14/08 19:25	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/14/08 19:25	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/14/08 19:25	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/14/08 19:25	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/14/08 19:25	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/14/08 19:25	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 19:25	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 19:25	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 19:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/14/08 19:25	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/14/08 19:25	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/14/08 19:25	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/14/08 19:25	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/14/08 19:25	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 19:25	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 19:25	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 19:25	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/14/08 19:25	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 19:25	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/14/08 19:25	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 19:25	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 19:25	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/14/08 19:25	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/14/08 19:25	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/14/08 19:25	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/14/08 19:25	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/14/08 19:25	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/14/08 19:25	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/14/08 19:25	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/14/08 19:25	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/14/08 19:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/14/08 19:25	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/14/08 19:25	1634-04-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-FD	Lab ID: 5016499018	Collected: 07/01/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		07/14/08 19:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/14/08 19:25	103-65-1	
Styrene	ND	ug/L	5.0	1		07/14/08 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 19:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 19:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/14/08 19:25	127-18-4	
Toluene	ND	ug/L	5.0	1		07/14/08 19:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 19:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 19:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/14/08 19:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/14/08 19:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/14/08 19:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/14/08 19:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/14/08 19:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 19:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 19:25	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/14/08 19:25	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/14/08 19:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/14/08 19:25	1330-20-7	
Dibromofluoromethane (S)	96 %		80-123	1		07/14/08 19:25	1868-53-7	
4-Bromofluorobenzene (S)	100 %		70-126	1		07/14/08 19:25	460-00-4	
Toluene-d8 (S)	107 %		80-116	1		07/14/08 19:25	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-TB	Lab ID: 5016499019	Collected: 07/01/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND ug/L		100	1		07/13/08 17:51	67-64-1	
Acrolein	ND ug/L		100	1		07/13/08 17:51	107-02-8	
Acrylonitrile	ND ug/L		100	1		07/13/08 17:51	107-13-1	
Benzene	ND ug/L		5.0	1		07/13/08 17:51	71-43-2	
Bromobenzene	ND ug/L		5.0	1		07/13/08 17:51	108-86-1	
Bromoform	ND ug/L		5.0	1		07/13/08 17:51	74-97-5	
Bromochloromethane	ND ug/L		5.0	1		07/13/08 17:51	75-27-4	
Bromodichloromethane	ND ug/L		5.0	1		07/13/08 17:51	75-25-2	
Bromoform	ND ug/L		5.0	1		07/13/08 17:51	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/13/08 17:51	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/13/08 17:51	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/13/08 17:51	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/13/08 17:51	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/13/08 17:51	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/13/08 17:51	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/13/08 17:51	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/13/08 17:51	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/13/08 17:51	75-00-3	
Chloroform	ND ug/L		5.0	1		07/13/08 17:51	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/13/08 17:51	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/13/08 17:51	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/13/08 17:51	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/13/08 17:51	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/13/08 17:51	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/13/08 17:51	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 17:51	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 17:51	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/13/08 17:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/13/08 17:51	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/13/08 17:51	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/13/08 17:51	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/13/08 17:51	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/13/08 17:51	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 17:51	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/13/08 17:51	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 17:51	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/13/08 17:51	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/13/08 17:51	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/13/08 17:51	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/13/08 17:51	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/13/08 17:51	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/13/08 17:51	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/13/08 17:51	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/13/08 17:51	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/13/08 17:51	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/13/08 17:51	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/13/08 17:51	98-82-8	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-TB	Lab ID: 5016499019	Collected: 07/01/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/L	5.0	1		07/13/08 17:51	99-87-6	
Methylene chloride	ND	ug/L	5.0	1		07/13/08 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1		07/13/08 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	4.0	1		07/13/08 17:51	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		07/13/08 17:51	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/13/08 17:51	103-65-1	
Styrene	ND	ug/L	5.0	1		07/13/08 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/13/08 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/13/08 17:51	127-18-4	
Toluene	ND	ug/L	5.0	1		07/13/08 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/13/08 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/13/08 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/13/08 17:51	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/13/08 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/13/08 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/13/08 17:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 17:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/13/08 17:51	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/13/08 17:51	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/13/08 17:51	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/13/08 17:51	1330-20-7	
Dibromofluoromethane (S)	100 %		80-123	1		07/13/08 17:51	1868-53-7	
4-Bromofluorobenzene (S)	90 %		70-126	1		07/13/08 17:51	460-00-4	
Toluene-d8 (S)	116 %		80-116	1		07/13/08 17:51	2037-26-5	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-EB	Lab ID: 5016499020	Collected: 07/02/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015M TPH ERO	Analytical Method: EPA 8015 Mod Ext Preparation Method: EPA 8015 Mod Ext							
TPH-ERO	ND	mg/L	0.10	1	07/08/08 00:00	07/09/08 16:46		
n-Pentacosane (S)	55 %		40-156	1	07/08/08 00:00	07/09/08 16:46	629-99-2	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	07/07/08 00:00	07/08/08 11:10	11096-82-5	
Tetrachloro-m-xylene (S)	78 %		17-135	1	07/07/08 00:00	07/08/08 11:10	877-09-8	
Gasoline Range Organics	Analytical Method: EPA 5030/8015 Mod.							
Gasoline Range Organics	ND	mg/L	0.20	1		07/15/08 13:58		
4-Bromofluorobenzene (S)	68 %		40-128	1		07/15/08 13:58	460-00-4	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Arsenic	ND	ug/L	10.0	1	07/06/08 00:00	07/07/08 09:43	7440-38-2	
Barium	ND	ug/L	100	1	07/06/08 00:00	07/07/08 09:43	7440-39-3	
Cadmium	ND	ug/L	5.0	1	07/06/08 00:00	07/07/08 09:43	7440-43-9	
Chromium	ND	ug/L	10.0	1	07/06/08 00:00	07/07/08 09:43	7440-47-3	
Lead	ND	ug/L	10.0	1	07/06/08 00:00	07/07/08 09:43	7439-92-1	
Selenium	ND	ug/L	10.0	1	07/06/08 00:00	07/07/08 09:43	7782-49-2	
Silver	ND	ug/L	50.0	1	07/06/08 00:00	07/07/08 09:43	7440-22-4	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	2.0	1	07/09/08 00:00	07/10/08 09:36	7439-97-6	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510							
Benzo(a)anthracene	ND	ug/L	0.10	1	07/08/08 00:00	07/09/08 23:27	56-55-3	
Benzo(a)pyrene	ND	ug/L	0.10	1	07/08/08 00:00	07/09/08 23:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	0.10	1	07/08/08 00:00	07/09/08 23:27	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	0.10	1	07/08/08 00:00	07/09/08 23:27	207-08-9	
Chrysene	ND	ug/L	0.50	1	07/08/08 00:00	07/09/08 23:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	0.10	1	07/08/08 00:00	07/09/08 23:27	53-70-3	
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1	07/08/08 00:00	07/09/08 23:27	193-39-5	
Naphthalene	ND	ug/L	1.0	1	07/08/08 00:00	07/09/08 23:27	91-20-3	
2-Fluorobiphenyl (S)	82 %		35-116	1	07/08/08 00:00	07/09/08 23:27	321-60-8	
Terphenyl-d14 (S)	98 %		25-117	1	07/08/08 00:00	07/09/08 23:27	1718-51-0	
8260 MSV	Analytical Method: EPA 8260							
Acetone	ND	ug/L	100	1		07/14/08 20:04	67-64-1	
Acrolein	ND	ug/L	100	1		07/14/08 20:04	107-02-8	
Acrylonitrile	ND	ug/L	100	1		07/14/08 20:04	107-13-1	
Benzene	ND	ug/L	5.0	1		07/14/08 20:04	71-43-2	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-EB	Lab ID: 5016499020	Collected: 07/02/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Bromobenzene	ND ug/L		5.0	1		07/14/08 20:04	108-86-1	
Bromochloromethane	ND ug/L		5.0	1		07/14/08 20:04	74-97-5	
Bromodichloromethane	ND ug/L		5.0	1		07/14/08 20:04	75-27-4	
Bromoform	ND ug/L		5.0	1		07/14/08 20:04	75-25-2	
Bromomethane	ND ug/L		5.0	1		07/14/08 20:04	74-83-9	
2-Butanone (MEK)	ND ug/L		25.0	1		07/14/08 20:04	78-93-3	
n-Butylbenzene	ND ug/L		5.0	1		07/14/08 20:04	104-51-8	
sec-Butylbenzene	ND ug/L		5.0	1		07/14/08 20:04	135-98-8	
tert-Butylbenzene	ND ug/L		5.0	1		07/14/08 20:04	98-06-6	
Carbon disulfide	ND ug/L		10.0	1		07/14/08 20:04	75-15-0	
Carbon tetrachloride	ND ug/L		5.0	1		07/14/08 20:04	56-23-5	
Chlorobenzene	ND ug/L		5.0	1		07/14/08 20:04	108-90-7	
Chloroethane	ND ug/L		5.0	1		07/14/08 20:04	75-00-3	
Chloroform	ND ug/L		5.0	1		07/14/08 20:04	67-66-3	
Chloromethane	ND ug/L		5.0	1		07/14/08 20:04	74-87-3	
2-Chlorotoluene	ND ug/L		5.0	1		07/14/08 20:04	95-49-8	
4-Chlorotoluene	ND ug/L		5.0	1		07/14/08 20:04	106-43-4	
Dibromochloromethane	ND ug/L		5.0	1		07/14/08 20:04	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		5.0	1		07/14/08 20:04	106-93-4	
Dibromomethane	ND ug/L		5.0	1		07/14/08 20:04	74-95-3	
1,2-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 20:04	95-50-1	
1,3-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 20:04	541-73-1	
1,4-Dichlorobenzene	ND ug/L		5.0	1		07/14/08 20:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND ug/L		100	1		07/14/08 20:04	110-57-6	
Dichlorodifluoromethane	ND ug/L		5.0	1		07/14/08 20:04	75-71-8	
1,1-Dichloroethane	ND ug/L		5.0	1		07/14/08 20:04	75-34-3	
1,2-Dichloroethane	ND ug/L		5.0	1		07/14/08 20:04	107-06-2	
1,1-Dichloroethene	ND ug/L		5.0	1		07/14/08 20:04	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 20:04	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		5.0	1		07/14/08 20:04	156-60-5	
1,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 20:04	78-87-5	
1,3-Dichloropropane	ND ug/L		5.0	1		07/14/08 20:04	142-28-9	
2,2-Dichloropropane	ND ug/L		5.0	1		07/14/08 20:04	594-20-7	
1,1-Dichloropropene	ND ug/L		5.0	1		07/14/08 20:04	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 20:04	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		5.0	1		07/14/08 20:04	10061-02-6	
Ethylbenzene	ND ug/L		5.0	1		07/14/08 20:04	100-41-4	
Ethyl methacrylate	ND ug/L		100	1		07/14/08 20:04	97-63-2	
Hexachloro-1,3-butadiene	ND ug/L		5.0	1		07/14/08 20:04	87-68-3	
n-Hexane	ND ug/L		5.0	1		07/14/08 20:04	110-54-3	
2-Hexanone	ND ug/L		25.0	1		07/14/08 20:04	591-78-6	
Iodomethane	ND ug/L		10.0	1		07/14/08 20:04	74-88-4	
Isopropylbenzene (Cumene)	ND ug/L		5.0	1		07/14/08 20:04	98-82-8	
p-Isopropyltoluene	ND ug/L		5.0	1		07/14/08 20:04	99-87-6	
Methylene chloride	ND ug/L		5.0	1		07/14/08 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		25.0	1		07/14/08 20:04	108-10-1	
Methyl-tert-butyl ether	ND ug/L		4.0	1		07/14/08 20:04	1634-04-4	

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ANALYTICAL RESULTS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Sample: DR-GW-EB	Lab ID: 5016499020	Collected: 07/02/08 08:00	Received: 07/03/08 08:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Naphthalene	ND	ug/L	5.0	1		07/14/08 20:04	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		07/14/08 20:04	103-65-1	
Styrene	ND	ug/L	5.0	1		07/14/08 20:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 20:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		07/14/08 20:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		07/14/08 20:04	127-18-4	
Toluene	ND	ug/L	5.0	1		07/14/08 20:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 20:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		07/14/08 20:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		07/14/08 20:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		07/14/08 20:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		07/14/08 20:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1		07/14/08 20:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		07/14/08 20:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 20:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		07/14/08 20:04	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		07/14/08 20:04	108-05-4	
Vinyl chloride	ND	ug/L	2.0	1		07/14/08 20:04	75-01-4	
Xylene (Total)	ND	ug/L	10.0	1		07/14/08 20:04	1330-20-7	
Dibromofluoromethane (S)	97 %		80-123	1		07/14/08 20:04	1868-53-7	
4-Bromofluorobenzene (S)	99 %		70-126	1		07/14/08 20:04	460-00-4	
Toluene-d8 (S)	105 %		80-116	1		07/14/08 20:04	2037-26-5	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	MPRP/3141	Analysis Method:	EPA 6010
QC Batch Method:	EPA 3050	Analysis Description:	6010 MET
Associated Lab Samples:	5016499001, 5016499002, 5016499003, 5016499004, 5016499005		

METHOD BLANK: 183195

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	mg/kg	ND	2.0	
Barium	mg/kg	ND	2.0	
Cadmium	mg/kg	ND	2.0	
Chromium	mg/kg	ND	2.0	
Lead	mg/kg	ND	2.0	
Selenium	mg/kg	ND	2.0	
Silver	mg/kg	ND	2.0	

LABORATORY CONTROL SAMPLE: 183196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	52.4	105	85-118	
Barium	mg/kg	50	51.8	104	84-118	
Cadmium	mg/kg	50	51.3	103	83-115	
Chromium	mg/kg	50	49.4	99	82-117	
Lead	mg/kg	50	51.2	102	83-116	
Selenium	mg/kg	50	49.9	100	82-116	
Silver	mg/kg	25	24.1	96	77-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183197 183198

Parameter	Units	MS Spike		MSD Spike		MS		MSD		% Rec Limits	RPD	RPD	Max Qual
		5016499003	Result	Conc.	Conc.	Result	Result	% Rec	% Rec				
Arsenic	mg/kg	2.4	57.6	57.6	62.2	61.2	104	102	70-127	2	20		
Barium	mg/kg	9.5	57.6	57.6	68.6	67.5	103	101	60-140	2	20		
Cadmium	mg/kg	ND	57.6	57.6	54.5	54.2	95	94	65-120	1	20		
Chromium	mg/kg	5.0	57.6	57.6	59.5	59.2	95	94	60-130	0	20		
Lead	mg/kg	2.2	57.6	57.6	57.4	56.9	96	95	60-140	1	20		
Selenium	mg/kg	ND	57.6	57.6	57.3	56.5	99	97	60-130	1	20		
Silver	mg/kg	ND	28.7	28.7	27.7	27.4	96	95	70-130	1	20		

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch: MPRP/3142 Analysis Method: EPA 6010

QC Batch Method: EPA 3010 Analysis Description: 6010 MET

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018, 5016499020

METHOD BLANK: 183199

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Arsenic	ug/L	ND	10.0	
Barium	ug/L	ND	100	
Cadmium	ug/L	ND	5.0	
Chromium	ug/L	ND	10.0	
Lead	ug/L	ND	10.0	
Selenium	ug/L	ND	10.0	
Silver	ug/L	ND	50.0	

LABORATORY CONTROL SAMPLE: 183200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	ug/L	1000	1010	101	85-118	
Barium	ug/L	1000	1010	101	85-116	
Cadmium	ug/L	1000	984	98	85-115	
Chromium	ug/L	1000	962	96	83-117	
Lead	ug/L	1000	983	98	82-117	
Selenium	ug/L	1000	971	97	85-119	
Silver	ug/L	500	482	96	82-118	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183201 183202

Parameter	Units	MS Spike		MSD Spike		MS Result	MS % Rec	MSD % Rec	% Rec Limits	Max	
		5016499013	Result	Conc.	Conc.					RPD	RPD
Arsenic	ug/L	283	1000	1000	1150	1170	87	89	71-135	2	20
Barium	ug/L	850	1000	1000	1850	1880	100	103	60-138	2	20
Cadmium	ug/L	19.4	1000	1000	796	815	78	80	65-129	2	20
Chromium	ug/L	270	1000	1000	1100	1120	83	85	65-128	2	20
Lead	ug/L	275	1000	1000	1050	1070	78	80	65-130	2	20
Selenium	ug/L	34.1	1000	1000	870	888	84	85	63-130	2	20
Silver	ug/L	ND	500	500	464	475	88	91	70-130	2	20

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	OEXT/8235	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3510	Analysis Description:	8082 GCS PCB Mod
Associated Lab Samples:	5016499011, 5016499012, 5016499013, 5016499018, 5016499020		

METHOD BLANK: 183256

Associated Lab Samples: 5016499011, 5016499012, 5016499013, 5016499018, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	
Tetrachloro-m-xylene (S)	%	68	17-135	

LABORATORY CONTROL SAMPLE: 183257

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.1	83	35-130	
PCB-1260 (Aroclor 1260)	ug/L	5	4.3	86	35-130	
Tetrachloro-m-xylene (S)	%			68	17-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183258 183259

Parameter	Units	5016499013 Result	MS Spike Conc.		MSD Spike Conc.		MS Result		MSD Result		MS % Rec		MSD % Rec		% Rec Limits	RPD RPD	Max Qual
			Spke Conc.	Conc.	Spke Conc.	Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	MS % Rec	MSD % Rec	MS % Rec	MSD % Rec			
PCB-1016 (Aroclor 1016)	ug/L	ND	9.8	10.4	7.7	9.2	78	88	34-128	18	20						
PCB-1260 (Aroclor 1260)	ug/L	ND	9.8	10.4	7.5	8.5	76	82	34-128	14	20						
Tetrachloro-m-xylene (S)	%						68	78	17-135								

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	OEXT/8243	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAH by SIM MSSV
Associated Lab Samples:	5016499012, 5016499013, 5016499018		

METHOD BLANK: 183546

Associated Lab Samples: 5016499012, 5016499013, 5016499018

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	
Benzo(a)pyrene	ug/L	ND	0.10	
Benzo(b)fluoranthene	ug/L	ND	0.10	
Benzo(k)fluoranthene	ug/L	ND	0.10	
Chrysene	ug/L	ND	0.50	
Dibenz(a,h)anthracene	ug/L	ND	0.10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	
Naphthalene	ug/L	ND	1.0	
2-Fluorobiphenyl (S)	%	95	35-116	
Terphenyl-d14 (S)	%	112	25-117	

LABORATORY CONTROL SAMPLE: 183547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	9.1	91	63-122	
Benzo(a)pyrene	ug/L	10	9.0	90	50-133	
Benzo(b)fluoranthene	ug/L	10	9.5	95	51-136	
Benzo(k)fluoranthene	ug/L	10	9.7	97	49-124	
Chrysene	ug/L	10	10.2	102	61-116	
Dibenz(a,h)anthracene	ug/L	10	9.1	91	44-130	
Indeno(1,2,3-cd)pyrene	ug/L	10	8.9	89	43-129	
Naphthalene	ug/L	10	8.9	89	42-120	
2-Fluorobiphenyl (S)	%			93	35-116	
Terphenyl-d14 (S)	%			106	25-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183548 183549

Parameter	Units	MS Spike		MSD Spike		MS		MSD		% Rec Limits	RPD	RPD	Max Qual
		5016499013	Result	Conc.	Conc.	Result	Result	% Rec	% Rec				
Benzo(a)anthracene	ug/L	ND	20	20	16.7	15.4	83	77	28-125	8	20		
Benzo(a)pyrene	ug/L	ND	20	20	10.4	9.0	52	45	10-130	14	20		
Benzo(b)fluoranthene	ug/L	ND	20	20	10.3	9.0	52	45	20-120	14	20		
Benzo(k)fluoranthene	ug/L	ND	20	20	12.1	10.8	60	54	20-125	11	20		
Chrysene	ug/L	ND	20	20	18.0	16.7	90	83	30-130	7	20		
Dibenz(a,h)anthracene	ug/L	ND	20	20	6.3	4.4	32	22	10-125	35	20	R1	
Indeno(1,2,3-cd)pyrene	ug/L	ND	20	20	6.4	4.5	32	23	10-130	33	20	R1	
Naphthalene	ug/L	ND	20	20	17.7	16.3	88	81	23-127	8	20		
2-Fluorobiphenyl (S)	%						96	89	35-116		20		
Terphenyl-d14 (S)	%						86	83	25-117		20		

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Parameter	Units	5016541003		MS Spike		MSD Spike		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
				Conc.		Conc.		Result	MSD	Result	% Rec					
Benzo(a)anthracene	ug/L	ND	20.8	20.8	13.6	17.4	65	83	28-125	25	20	R1				
Benzo(a)pyrene	ug/L	ND	20.8	20.8	9.7	12.0	46	58	10-130	22	20	R1				
Benzo(b)fluoranthene	ug/L	ND	20.8	20.8	10.2	13.1	49	63	20-120	25	20	R1				
Benzo(k)fluoranthene	ug/L	ND	20.8	20.8	10.4	12.9	50	62	20-125	21	20	R1				
Chrysene	ug/L	ND	20.8	20.8	15.0	18.8	72	90	30-130	22	20	R1				
Dibenz(a,h)anthracene	ug/L	ND	20.8	20.8	5.4	7.4	26	35	10-125	31	20	R1				
Indeno(1,2,3-cd)pyrene	ug/L	ND	20.8	20.8	5.8	7.9	28	38	10-130	29	20	R1				
Naphthalene	ug/L	ND	20.8	20.8	14.2	18.2	67	87	23-127	25	20	R1				
2-Fluorobiphenyl (S)	%						84	84	35-116		20					
Terphenyl-d14 (S)	%						72	66	25-117		20					

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	OEXT/8247	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAH by SIM MSSV
Associated Lab Samples:	5016499010		

METHOD BLANK: 183570

Associated Lab Samples: 5016499010

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	
Benzo(a)pyrene	ug/L	ND	0.10	
Benzo(b)fluoranthene	ug/L	ND	0.10	
Benzo(k)fluoranthene	ug/L	ND	0.10	
Chrysene	ug/L	ND	0.50	
Dibenz(a,h)anthracene	ug/L	ND	0.10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	
Naphthalene	ug/L	ND	1.0	
2-Fluorobiphenyl (S)	%	99	35-116	
Terphenyl-d14 (S)	%	112	25-117	

LABORATORY CONTROL SAMPLE: 183571

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	9.5	95	63-122	
Benzo(a)pyrene	ug/L	10	9.2	92	50-133	
Benzo(b)fluoranthene	ug/L	10	9.5	95	51-136	
Benzo(k)fluoranthene	ug/L	10	10.1	101	49-124	
Chrysene	ug/L	10	10.4	104	61-116	
Dibenz(a,h)anthracene	ug/L	10	9.6	96	44-130	
Indeno(1,2,3-cd)pyrene	ug/L	10	9.2	92	43-129	
Naphthalene	ug/L	10	9.1	91	42-120	
2-Fluorobiphenyl (S)	%			109	35-116	
Terphenyl-d14 (S)	%			123	25-117 3d	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch: OEXT/8249 Analysis Method: EPA 8015 Mod Ext

QC Batch Method: EPA 3546 Analysis Description: EPA 8015 Modified

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005

METHOD BLANK: 183576

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
TPH-ERO	mg/kg	ND	10.0	
n-Pentacosane (S)	%	88	45-170	

LABORATORY CONTROL SAMPLE: 183577

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-ERO	mg/kg	83.3	64.0	77	41-139	
n-Pentacosane (S)	%			77	45-170	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183578 183579

Parameter	Units	5016499003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD RPD	Max Qual
TPH-ERO	mg/kg	ND	99.7	99.7	71.7	64.1	71	63	40-146	11	20
n-Pentacosane (S)	%					82	79	45-170			20

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	OEXT/8252	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3546	Analysis Description:	8270 MSSV PAH by SIM
Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005			

METHOD BLANK: 183586

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzo(a)anthracene	ug/kg	ND	25.0	
Benzo(a)pyrene	ug/kg	ND	25.0	
Benzo(b)fluoranthene	ug/kg	ND	25.0	
Benzo(k)fluoranthene	ug/kg	ND	25.0	
Chrysene	ug/kg	ND	25.0	
Dibenz(a,h)anthracene	ug/kg	ND	25.0	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	25.0	
Naphthalene	ug/kg	ND	25.0	
2-Fluorobiphenyl (S)	%	67	45-120	
Terphenyl-d14 (S)	%	77	41-120	

LABORATORY CONTROL SAMPLE: 183587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	1670	1190	72	55-125	
Benzo(a)pyrene	ug/kg	1670	1240	75	46-140	
Benzo(b)fluoranthene	ug/kg	1670	1290	78	46-137	
Benzo(k)fluoranthene	ug/kg	1670	1200	72	44-132	
Chrysene	ug/kg	1670	1140	68	54-121	
Dibenz(a,h)anthracene	ug/kg	1670	1120	67	44-133	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1080	65	42-133	
Naphthalene	ug/kg	1670	1040	62	48-117	
2-Fluorobiphenyl (S)	%			69	45-120	
Terphenyl-d14 (S)	%			77	41-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183588 183589

Parameter	Units	5016499003		MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
		Result	Spike Conc.	Spike Conc.	MS Result	MSD Result							
Benzo(a)anthracene	ug/kg	ND	2000	2000	1000	972	50	49	20-134	3	20		
Benzo(a)pyrene	ug/kg	ND	2000	2000	1020	1000	51	50	20-137	2	20		
Benzo(b)fluoranthene	ug/kg	ND	2000	2000	1100	1070	55	54	20-138	2	20		
Benzo(k)fluoranthene	ug/kg	ND	2000	2000	977	969	49	49	15-136	1	20		
Chrysene	ug/kg	ND	2000	2000	985	954	49	48	16-136	3	20		
Dibenz(a,h)anthracene	ug/kg	ND	2000	2000	910	888	46	45	15-129	2	20		
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2000	2000	859	837	43	42	10-129	3	20		
Naphthalene	ug/kg	ND	2000	2000	1050	1060	53	53	18-137	1	20		
2-Fluorobiphenyl (S)	%						60	60	45-120		20		
Terphenyl-d14 (S)	%						60	58	41-120		20		

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch: OEXT/8256 Analysis Method: EPA 8015 Mod Ext

QC Batch Method: EPA 8015 Mod Ext Analysis Description: EPA 8015 Modified

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018, 5016499020

METHOD BLANK: 183602

Associated Lab Samples: 5016499011, 5016499012, 5016499013, 5016499018, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
TPH-ERO	mg/L	ND	0.10	
n-Pentacosane (S)	%	73	40-156	

LABORATORY CONTROL SAMPLE: 183603

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-ERO	mg/L	2.5	1.8	71	42-136	
n-Pentacosane (S)	%			74	40-156	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183604 183605

Parameter	Units	5016499013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-ERO	mg/L	ND	4.9	5.1	3.5	3.6	72	70	40-146	2	20	
n-Pentacosane (S)	%						53	51	40-156		20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183606 183607

Parameter	Units	5016461021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-ERO	mg/L	0.27	5.8	6	4.1	4.1	65	64	40-146	1	20	
n-Pentacosane (S)	%						47	48	40-156		20	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	OEXT/8264	Analysis Method:	EPA 8270 by SIM
QC Batch Method:	EPA 3510	Analysis Description:	8270 Water PAH by SIM MSSV
Associated Lab Samples:	5016499011, 5016499014, 5016499020		

METHOD BLANK: 183920

Associated Lab Samples: 5016499011, 5016499014, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzo(a)anthracene	ug/L	ND	0.10	
Benzo(a)pyrene	ug/L	ND	0.10	
Benzo(b)fluoranthene	ug/L	ND	0.10	
Benzo(k)fluoranthene	ug/L	ND	0.10	
Chrysene	ug/L	ND	0.50	
Dibenz(a,h)anthracene	ug/L	ND	0.10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.10	
Naphthalene	ug/L	ND	1.0	
2-Fluorobiphenyl (S)	%	93	35-116	
Terphenyl-d14 (S)	%	113	25-117	

LABORATORY CONTROL SAMPLE: 183921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/L	10	9.2	92	63-122	
Benzo(a)pyrene	ug/L	10	9.3	93	50-133	
Benzo(b)fluoranthene	ug/L	10	9.4	94	51-136	
Benzo(k)fluoranthene	ug/L	10	8.9	89	49-124	
Chrysene	ug/L	10	9.3	93	61-116	
Dibenz(a,h)anthracene	ug/L	10	8.5	85	44-130	
Indeno(1,2,3-cd)pyrene	ug/L	10	8.4	84	43-129	
Naphthalene	ug/L	10	8.2	82	42-120	
2-Fluorobiphenyl (S)	%			89	35-116	
Terphenyl-d14 (S)	%			106	25-117	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch: MERP/1696 Analysis Method: EPA 7470

QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018, 5016499020

METHOD BLANK: 183967

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018, 5016499020

Parameter	Units	Blank	Reporting	Qualifiers
		Result	Limit	
Mercury	ug/L	ND	2.0	

LABORATORY CONTROL SAMPLE: 183968

Parameter	Units	Spike	LCS	LCS	% Rec	Qualifiers
		Conc.	Result	% Rec	Limits	
Mercury	ug/L	5	4.6	93	75-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183969 183970

Parameter	Units	5016538001	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike										
Mercury	ug/L	ND	5	5	4.8	4.9	94	97	52-133	3	20			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183971 183972

Parameter	Units	5016499013	MS	MSD	MS	MSD	MS	MSD	% Rec	% Rec	Max	RPD	RPD	Qual
		Result	Spike	Spike										
Mercury	ug/L	ND	5	5	5.2	5.3	94	96	52-133	2	20			

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	MERP/1697	Analysis Method:	EPA 7471
QC Batch Method:	EPA 7471	Analysis Description:	7471 Mercury
Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005			

METHOD BLANK: 183973

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/kg	ND	0.33	

LABORATORY CONTROL SAMPLE: 183974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.5	0.51	102	85-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 183975 183976

Parameter	Units	5016499003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
Mercury	mg/kg	ND	.57	.57	0.59	0.59	101	102	50-150	1	20	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	PMST/2645	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005, 5016499006, 5016499007, 5016499008			

SAMPLE DUPLICATE: 184210

Parameter	Units	5016499003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.4	15.6	5	5	

SAMPLE DUPLICATE: 184211

Parameter	Units	5016490002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.2	23.9	2	5	

QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	OEXT/8289	Analysis Method:	EPA 8082
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
Associated Lab Samples:	5016499001, 5016499002, 5016499003		

METHOD BLANK: 184376

Associated Lab Samples: 5016499001, 5016499002, 5016499003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	35.0	
PCB-1221 (Aroclor 1221)	ug/kg	ND	35.0	
PCB-1232 (Aroclor 1232)	ug/kg	ND	35.0	
PCB-1242 (Aroclor 1242)	ug/kg	ND	35.0	
PCB-1248 (Aroclor 1248)	ug/kg	ND	35.0	
PCB-1254 (Aroclor 1254)	ug/kg	ND	35.0	
PCB-1260 (Aroclor 1260)	ug/kg	ND	35.0	
Tetrachloro-m-xylene (S)	%	79	20-130	

LABORATORY CONTROL SAMPLE: 184377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	167	132	79	46-129	
PCB-1260 (Aroclor 1260)	ug/kg	167	143	86	46-129	
Tetrachloro-m-xylene (S)	%			70	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 184378 184379

Parameter	Units	5016499003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Max Qual
			Conc.	Conc.	Result	Result	Rec	Rec	Limits	RPD	RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	ND	200	200	100	109	50	55	50-150	9	20	
PCB-1260 (Aroclor 1260)	ug/kg	ND	200	200	99.8	101	50	51	50-150	1	20	
Tetrachloro-m-xylene (S)	%						69	64	20-130			20

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch: GCV/4786 Analysis Method: EPA 5030/8015 Mod.

QC Batch Method: EPA 5030/8015 Mod. Analysis Description: Gasoline Range Organics

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018

METHOD BLANK: 185504

Associated Lab Samples: 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499018

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Gasoline Range Organics	mg/L	ND	0.20	
4-Bromofluorobenzene (S)	%	82	40-128	

LABORATORY CONTROL SAMPLE: 185505

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/L	10	9.0	90	76-130	
4-Bromofluorobenzene (S)	%			115	40-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185506 185507

Parameter	Units	5016461018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
Gasoline Range Organics	mg/L	ND	10	10	8.1	8.7	81	87	40-135	7	20	
4-Bromofluorobenzene (S)	%						112	113	40-128		20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185508 185509

Parameter	Units	5016499013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
Gasoline Range Organics	mg/L	ND	10	10	7.9	8.4	79	84	40-135	6	20	
4-Bromofluorobenzene (S)	%						110	113	40-128		20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185510 185511

Parameter	Units	5016461021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	RPD	Max Qual
Gasoline Range Organics	mg/L	ND	10	10	8.3	8.4	83	84	40-135	1	20	
4-Bromofluorobenzene (S)	%						105	104	40-128		20	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	MSV/10165	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV 5035A Volatile Organics
Associated Lab Samples:	5016499001, 5016499002, 5016499003, 5016499004, 5016499005, 5016499006, 5016499007, 5016499008		

METHOD BLANK: 185654

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005, 5016499006, 5016499007, 5016499008

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,1-Trichloroethane	ug/kg	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	
1,1,2-Trichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethane	ug/kg	ND	5.0	
1,1-Dichloroethene	ug/kg	ND	5.0	
1,1-Dichloropropene	ug/kg	ND	5.0	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	
1,2,3-Trichloropropane	ug/kg	ND	5.0	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	
1,2-Dichlorobenzene	ug/kg	ND	5.0	
1,2-Dichloroethane	ug/kg	ND	5.0	
1,2-Dichloropropane	ug/kg	ND	5.0	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	
1,3-Dichlorobenzene	ug/kg	ND	5.0	
1,3-Dichloropropane	ug/kg	ND	5.0	
1,4-Dichlorobenzene	ug/kg	ND	5.0	
2,2-Dichloropropane	ug/kg	ND	5.0	
2-Butanone (MEK)	ug/kg	ND	25.0	
2-Chlorotoluene	ug/kg	ND	5.0	
2-Hexanone	ug/kg	ND	100	
4-Chlorotoluene	ug/kg	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	25.0	
Acetone	ug/kg	ND	100	
Acrolein	ug/kg	ND	100	
Acrylonitrile	ug/kg	ND	100	
Benzene	ug/kg	ND	5.0	
Bromobenzene	ug/kg	ND	5.0	
Bromochloromethane	ug/kg	ND	5.0	
Bromodichloromethane	ug/kg	ND	5.0	
Bromoform	ug/kg	ND	5.0	
Bromomethane	ug/kg	ND	5.0	
Carbon disulfide	ug/kg	ND	10.0	
Carbon tetrachloride	ug/kg	ND	5.0	
Chlorobenzene	ug/kg	ND	5.0	
Chloroethane	ug/kg	ND	5.0	
Chloroform	ug/kg	ND	5.0	
Chloromethane	ug/kg	ND	5.0	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	
Dibromochloromethane	ug/kg	ND	5.0	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

METHOD BLANK: 185654

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499004, 5016499005, 5016499006, 5016499007, 5016499008

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromomethane	ug/kg	ND	5.0	
Dichlorodifluoromethane	ug/kg	ND	5.0	
Ethyl methacrylate	ug/kg	ND	10.0	
Ethylbenzene	ug/kg	ND	5.0	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	
Iodomethane	ug/kg	ND	100	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	
Methyl-tert-butyl ether	ug/kg	ND	5.0	
Methylene chloride	ug/kg	ND	20.0	
n-Butylbenzene	ug/kg	ND	5.0	
n-Hexane	ug/kg	ND	5.0	
n-Propylbenzene	ug/kg	ND	5.0	
Naphthalene	ug/kg	ND	5.0	
p-Isopropyltoluene	ug/kg	ND	5.0	
sec-Butylbenzene	ug/kg	ND	5.0	
Styrene	ug/kg	ND	5.0	
tert-Butylbenzene	ug/kg	ND	5.0	
Tetrachloroethene	ug/kg	ND	5.0	
Toluene	ug/kg	ND	5.0	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/kg	ND	100	
Trichloroethene	ug/kg	ND	5.0	
Trichlorofluoromethane	ug/kg	ND	5.0	
Vinyl acetate	ug/kg	ND	100	
Vinyl chloride	ug/kg	ND	5.0	
Xylene (Total)	ug/kg	ND	10.0	
4-Bromofluorobenzene (S)	%	99	61-131	
Dibromofluoromethane (S)	%	100	80-124	
Toluene-d8 (S)	%	98	58-145	

LABORATORY CONTROL SAMPLE: 185655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	39.6	79	65-124	
1,1,1-Trichloroethane	ug/kg	50	42.3	85	61-135	
1,1,2,2-Tetrachloroethane	ug/kg	50	42.3	85	66-124	
1,1,2-Trichloroethane	ug/kg	50	40.5	81	74-127	
1,1-Dichloroethane	ug/kg	50	42.9	86	62-132	
1,1-Dichloroethene	ug/kg	50	47.8	96	61-123	
1,1-Dichloropropene	ug/kg	50	44.4	89	74-128	
1,2,3-Trichlorobenzene	ug/kg	50	44.4	89	60-125	
1,2,3-Trichloropropane	ug/kg	50	41.6	83	61-120	
1,2,4-Trichlorobenzene	ug/kg	50	40.8	82	58-126	
1,2,4-Trimethylbenzene	ug/kg	50	40.7	81	72-120	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

LABORATORY CONTROL SAMPLE: 185655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/kg	50	45.3	91	74-119	
1,2-Dichlorobenzene	ug/kg	50	41.0	82	75-117	
1,2-Dichloroethane	ug/kg	50	45.4	91	62-135	
1,2-Dichloropropane	ug/kg	50	41.3	83	74-124	
1,3,5-Trimethylbenzene	ug/kg	50	41.7	83	73-122	
1,3-Dichlorobenzene	ug/kg	50	42.4	85	73-120	
1,3-Dichloropropane	ug/kg	50	40.6	81	71-122	
1,4-Dichlorobenzene	ug/kg	50	41.6	83	72-118	
2,2-Dichloropropane	ug/kg	50	41.4	83	53-136	
2-Butanone (MEK)	ug/kg	250	260	104	33-190	
2-Chlorotoluene	ug/kg	50	41.2	82	72-122	
2-Hexanone	ug/kg	250	247	99	44-168	
4-Chlorotoluene	ug/kg	50	42.2	84	72-120	
4-Methyl-2-pentanone (MIBK)	ug/kg	250	195	78	58-126	
Acetone	ug/kg	250	338	135	30-190	
Acrolein	ug/kg	1000	2410	241	30-190 L3	
Acrylonitrile	ug/kg	1000	828	83	65-129	
Benzene	ug/kg	50	41.8	84	76-123	
Bromobenzene	ug/kg	50	42.9	86	74-116	
Bromochloromethane	ug/kg	50	44.8	90	56-143	
Bromodichloromethane	ug/kg	50	41.5	83	67-123	
Bromoform	ug/kg	50	35.3	71	58-117	
Bromomethane	ug/kg	50	39.8	80	47-147	
Carbon disulfide	ug/kg	100	92.0	92	56-141	
Carbon tetrachloride	ug/kg	50	40.6	81	54-136	
Chlorobenzene	ug/kg	50	42.8	86	75-115	
Chloroethane	ug/kg	50	48.3	97	57-147	
Chloroform	ug/kg	50	41.8	84	74-123	
Chloromethane	ug/kg	50	44.7	89	31-155	
cis-1,2-Dichloroethene	ug/kg	50	45.3	91	76-119	
cis-1,3-Dichloropropene	ug/kg	50	39.8	80	56-110	
Dibromochloromethane	ug/kg	50	39.9	80	63-122	
Dibromomethane	ug/kg	50	43.1	86	70-127	
Dichlorodifluoromethane	ug/kg	50	50.8	102	30-170	
Ethyl methacrylate	ug/kg	50	41.8	84	58-126	
Ethylbenzene	ug/kg	50	42.3	85	78-121	
Hexachloro-1,3-butadiene	ug/kg	50	44.3	89	65-128	
Iodomethane	ug/kg	100	97J	97	38-173	
Isopropylbenzene (Cumene)	ug/kg	50	43.2	86	75-128	
Methyl-tert-butyl ether	ug/kg	100	83.4	83	59-142	
Methylene chloride	ug/kg	50	46.2	92	30-170	
n-Butylbenzene	ug/kg	50	42.8	86	70-123	
n-Hexane	ug/kg	50	43.7	87	76-143	
n-Propylbenzene	ug/kg	50	43.4	87	70-126	
Naphthalene	ug/kg	50	44.1	88	60-128	
p-Isopropyltoluene	ug/kg	50	43.1	86	65-125	
sec-Butylbenzene	ug/kg	50	43.3	87	72-125	
Styrene	ug/kg	50	43.0	86	75-118	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

LABORATORY CONTROL SAMPLE: 185655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	50	40.5	81	61-114	
Tetrachloroethene	ug/kg	50	34.7	69	63-117	
Toluene	ug/kg	50	40.9	82	72-123	
trans-1,2-Dichloroethene	ug/kg	50	46.3	93	70-122	
trans-1,3-Dichloropropene	ug/kg	50	35.7	71	55-107	
trans-1,4-Dichloro-2-butene	ug/kg	50	45J	90	49-127	
Trichloroethene	ug/kg	50	43.1	86	74-121	
Trichlorofluoromethane	ug/kg	50	47.0	94	55-156	
Vinyl acetate	ug/kg	200	156	78	46-127	
Vinyl chloride	ug/kg	50	46.9	94	50-146	
Xylene (Total)	ug/kg	150	135	90	77-120	
4-Bromofluorobenzene (S)	%			99	61-131	
Dibromofluoromethane (S)	%			101	80-124	
Toluene-d8 (S)	%			91	58-145	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185656 185657

Parameter	Units	5016499003		MSD		MS Result	% Rec	MSD % Rec	% Rec Limits	Max	
		Spike Conc.	Conc.	Spike Conc.	Result					RPD	RPD
1,1,1,2-Tetrachloroethane	ug/kg	ND	50.5	51.3	31.8	31.4	63	61	20-133	1	20
1,1,1-Trichloroethane	ug/kg	ND	50.5	51.3	42.6	38.8	84	76	27-142	9	20
1,1,2,2-Tetrachloroethane	ug/kg	ND	50.5	51.3	30.4	31.9	60	62	20-159	5	20
1,1,2-Trichloroethane	ug/kg	ND	50.5	51.3	44.2	42.9	87	84	20-155	3	20
1,1-Dichloroethane	ug/kg	ND	50.5	51.3	43.5	39.2	86	76	31-141	10	20
1,1-Dichloroethene	ug/kg	ND	50.5	51.3	49.7	44.2	98	86	23-132	12	20
1,1-Dichloropropene	ug/kg	ND	50.5	51.3	43.2	39.4	85	77	20-146	9	20
1,2,3-Trichlorobenzene	ug/kg	ND	50.5	51.3	8.6	9.9	17	19	20-140	14	20
1,2,3-Trichloropropane	ug/kg	ND	50.5	51.3	33.0	32.6	65	63	20-153	1	20
1,2,4-Trichlorobenzene	ug/kg	ND	50.5	51.3	9.5	10.8	19	21	20-120	13	20
1,2,4-Trimethylbenzene	ug/kg	ND	50.5	51.3	26.0	25.2	52	49	20-156	3	20
1,2-Dibromoethane (EDB)	ug/kg	ND	50.5	51.3	39.6	39.1	78	76	20-143	1	20
1,2-Dichlorobenzene	ug/kg	ND	50.5	51.3	19.7	20.7	39	40	20-133	5	20
1,2-Dichloroethane	ug/kg	ND	50.5	51.3	44.0	39.1	87	76	30-143	12	20
1,2-Dichloropropane	ug/kg	ND	50.5	51.3	39.5	35.7	78	70	30-140	10	20
1,3,5-Trimethylbenzene	ug/kg	ND	50.5	51.3	28.6	28.2	57	55	20-143	2	20
1,3-Dichlorobenzene	ug/kg	ND	50.5	51.3	21.0	22.5	42	44	20-136	7	20
1,3-Dichloropropane	ug/kg	ND	50.5	51.3	39.8	38.1	79	74	30-144	4	20
1,4-Dichlorobenzene	ug/kg	ND	50.5	51.3	20.8	20.6	41	40	30-135	1	20
2,2-Dichloropropane	ug/kg	ND	50.5	51.3	39.4	35.8	78	70	30-143	10	20
2-Butanone (MEK)	ug/kg	ND	252	256	323	283	128	110	30-190	13	20
2-Chlorotoluene	ug/kg	ND	50.5	51.3	27.6	27.1	55	53	30-170	2	20
2-Hexanone	ug/kg	ND	252	256	249	236	99	92	30-170	5	20
4-Chlorotoluene	ug/kg	ND	50.5	51.3	26.9	27.2	53	53	30-143	1	20
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	252	256	207	191	82	74	30-144	8	20
Acetone	ug/kg	ND	252	256	467	424	185	165	30-180	10	20
Acrolein	ug/kg	ND	1010	1030	2440	2120	241	207	30-180	14	20
Acrylonitrile	ug/kg	ND	1010	1030	874	735	87	72	30-141	17	20

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Parameter	Units	5016499003		MS Spike		MSD Spike		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Result	MSD	Result	% Rec	MSD	% Rec						
Benzene	ug/kg	ND	50.5	51.3	41.3	37.2	82	72	50-135	10	20					
Bromobenzene	ug/kg	ND	50.5	51.3	27.3	23.9	54	47	30-125	13	20					
Bromoform	ug/kg	ND	50.5	51.3	46.1	40.0	91	78	30-159	14	20					
Bromochloromethane	ug/kg	ND	50.5	51.3	38.3	35.8	76	70	30-141	7	20					
Bromodichloromethane	ug/kg	ND	50.5	51.3	28.9	30.2	57	59	30-135	4	20					
Bromomethane	ug/kg	ND	50.5	51.3	41.8	37.0	83	72	30-137	12	20					
Carbon disulfide	ug/kg	ND	101	103	92.3	85.9	91	84	30-156	7	20					
Carbon tetrachloride	ug/kg	ND	50.5	51.3	40.2	38.7	80	75	30-130	4	20					
Chlorobenzene	ug/kg	ND	50.5	51.3	32.1	30.8	64	60	30-137	4	20					
Chloroethane	ug/kg	ND	50.5	51.3	50.9	44.6	101	87	35-143	13	20					
Chloroform	ug/kg	ND	50.5	51.3	41.2	37.2	82	73	30-136	10	20					
Chloromethane	ug/kg	ND	50.5	51.3	47.7	42.9	94	84	28-134	11	20					
cis-1,2-Dichloroethene	ug/kg	ND	50.5	51.3	45.7	40.1	90	78	30-141	13	20					
cis-1,3-Dichloropropene	ug/kg	ND	50.5	51.3	36.0	35.5	71	69	30-126	1	20					
Dibromochloromethane	ug/kg	ND	50.5	51.3	34.0	33.5	67	65	30-129	2	20					
Dibromomethane	ug/kg	ND	50.5	51.3	42.4	36.4	84	71	30-153	15	20					
Dichlorodifluoromethane	ug/kg	ND	50.5	51.3	59.7	52.0	118	101	30-150	14	20					
Ethyl methacrylate	ug/kg	ND	50.5	51.3	36.4	36.9	72	72	30-170	1	20					
Ethylbenzene	ug/kg	ND	50.5	51.3	33.7	33.3	67	65	50-150	1	20					
Hexachloro-1,3-butadiene	ug/kg	ND	50.5	51.3	21.6	19.6	43	38	30-138	10	20					
Iodomethane	ug/kg	ND	101	103	103	81.5J	102	79	30-180		20					
Isopropylbenzene (Cumene)	ug/kg	ND	50.5	51.3	31.4	31.0	62	60	50-150	1	20					
Methyl-tert-butyl ether	ug/kg	ND	101	103	82.5	72.7	82	71	40-149	13	20					
Methylene chloride	ug/kg	ND	50.5	51.3	44.3	39.6	88	77	30-163	11	20					
n-Butylbenzene	ug/kg	ND	50.5	51.3	25.0	23.8	49	46	40-152	5	20					
n-Hexane	ug/kg	ND	50.5	51.3	44.9	39.8	89	78	40-155	12	20					
n-Propylbenzene	ug/kg	ND	50.5	51.3	32.2	30.0	64	59	40-170	7	20					
Naphthalene	ug/kg	ND	50.5	51.3	13.9	15.7	27	31	50-128	12	20	4d				
p-Isopropyltoluene	ug/kg	ND	50.5	51.3	28.0	27.1	55	53	40-167	3	20					
sec-Butylbenzene	ug/kg	ND	50.5	51.3	31.6	28.8	62	56	40-168	9	20					
Styrene	ug/kg	ND	50.5	51.3	28.9	29.3	57	57	30-141	1	20					
tert-Butylbenzene	ug/kg	ND	50.5	51.3	29.4	28.9	58	56	40-144	2	20					
Tetrachloroethene	ug/kg	ND	50.5	51.3	33.6	32.0	66	62	40-155	5	20					
Toluene	ug/kg	ND	50.5	51.3	40.9	38.1	81	74	50-149	7	20					
trans-1,2-Dichloroethene	ug/kg	ND	50.5	51.3	47.4	42.3	94	82	40-140	11	20					
trans-1,3-Dichloropropene	ug/kg	ND	50.5	51.3	31.8	31.5	63	61	40-130	1	20					
trans-1,4-Dichloro-2-butene	ug/kg	ND	50.5	51.3	34.2J	33.7J	68	66	30-150		20					
Trichloroethene	ug/kg	ND	50.5	51.3	42.2	38.2	84	75	40-153	10	20					
Trichlorofluoromethane	ug/kg	ND	50.5	51.3	50.1	44.8	99	87	43-140	11	20					
Vinyl acetate	ug/kg	ND	202	206	39.7J	42.5J	20	21	30-120		20					
Vinyl chloride	ug/kg	ND	50.5	51.3	50.3	43.9	100	86	36-137	14	20					
Xylene (Total)	ug/kg	ND	152	154	101	96.2	66	63	50-143	4	20					
4-Bromofluorobenzene (S)	%						95	96	61-131		20					
Dibromofluoromethane (S)	%						103	103	80-124		20					
Toluene-d8 (S)	%						97	100	58-145		20					

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	GCV/4793	Analysis Method:	EPA 8015 Mod Pur
QC Batch Method:	EPA 8015 Mod Pur	Analysis Description:	8015 Solid GCV
Associated Lab Samples:	5016499001, 5016499002, 5016499003, 5016499005		

METHOD BLANK: 185777

Associated Lab Samples: 5016499001, 5016499002, 5016499003, 5016499005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Gasoline Range Organics	mg/kg	ND	1.0	
4-Bromofluorobenzene (S)	%	89	40-159	

LABORATORY CONTROL SAMPLE: 185778

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	10	9.6	96	79-128	
4-Bromofluorobenzene (S)	%			122	40-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185779 185780

Parameter	Units	5016483007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	mg/kg	ND	12.6	12.6	7.9	8.4	63	67	40-135	6	20	
4-Bromofluorobenzene (S)	%						111	110	40-159		20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185781 186232

Parameter	Units	5016499003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	mg/kg	ND	9.3	10.3	5.9	7.2	63	70	40-135	20	20	
4-Bromofluorobenzene (S)	%						106	112	40-159		20	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	MSV/10177	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples: 5016499009, 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499015, 5016499016, 5016499017, 5016499018, 5016499019, 5016499020			

METHOD BLANK: 185817

Associated Lab Samples: 5016499009, 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499015, 5016499016, 5016499017, 5016499018, 5016499019, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,1-Dichloropropene	ug/L	ND	5.0	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	
1,2,3-Trichloropropane	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,3-Dichloropropene	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2,2-Dichloropropane	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Chlorotoluene	ug/L	ND	5.0	
2-Hexanone	ug/L	ND	25.0	
4-Chlorotoluene	ug/L	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Acrolein	ug/L	ND	100	
Acrylonitrile	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromobenzene	ug/L	ND	5.0	
Bromochloromethane	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

METHOD BLANK: 185817

Associated Lab Samples: 5016499009, 5016499010, 5016499011, 5016499012, 5016499013, 5016499014, 5016499015, 5016499016, 5016499017, 5016499018, 5016499019, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromochloromethane	ug/L	ND	5.0	
Dibromomethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethyl methacrylate	ug/L	ND	100	
Ethylbenzene	ug/L	ND	5.0	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	
Iodomethane	ug/L	ND	10.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylene chloride	ug/L	ND	5.0	
n-Butylbenzene	ug/L	ND	5.0	
n-Hexane	ug/L	ND	5.0	
n-Propylbenzene	ug/L	ND	5.0	
Naphthalene	ug/L	ND	5.0	
p-Isopropyltoluene	ug/L	ND	5.0	
sec-Butylbenzene	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
tert-Butylbenzene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	
trans-1,3-Dichloropropene	ug/L	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl acetate	ug/L	ND	10.0	
Vinyl chloride	ug/L	ND	2.0	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	95	70-126	
Dibromofluoromethane (S)	%	101	80-123	
Toluene-d8 (S)	%	118	80-116 S0	

LABORATORY CONTROL SAMPLE: 185818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	40.9	82	69-130	
1,1,1-Trichloroethane	ug/L	50	43.6	87	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	45.1	90	69-131	
1,1,2-Trichloroethane	ug/L	50	50.0	100	77-132	
1,1-Dichloroethane	ug/L	50	41.8	84	67-133	
1,1-Dichloroethene	ug/L	50	46.1	92	63-128	
1,1-Dichloropropene	ug/L	50	42.8	86	75-134	
1,2,3-Trichlorobenzene	ug/L	50	40.0	80	58-131	
1,2,3-Trichloropropane	ug/L	50	43.4	87	60-131	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

LABORATORY CONTROL SAMPLE: 185818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	37.1	74	60-130	
1,2,4-Trimethylbenzene	ug/L	50	39.5	79	73-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.3	95	75-126	
1,2-Dichlorobenzene	ug/L	50	42.0	84	76-124	
1,2-Dichloroethane	ug/L	50	44.8	90	69-139	
1,2-Dichloropropane	ug/L	50	40.7	81	76-129	
1,3,5-Trimethylbenzene	ug/L	50	40.8	82	74-130	
1,3-Dichlorobenzene	ug/L	50	41.9	84	76-125	
1,3-Dichloropropane	ug/L	50	46.1	92	74-126	
1,4-Dichlorobenzene	ug/L	50	40.6	81	75-122	
2,2-Dichloropropane	ug/L	50	38.6	77	53-144	
2-Butanone (MEK)	ug/L	250	220	88	47-189	
2-Chlorotoluene	ug/L	50	40.5	81	72-128	
2-Hexanone	ug/L	250	231	93	57-167	
4-Chlorotoluene	ug/L	50	42.8	86	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	222	89	61-135	
Acetone	ug/L	250	240	96	30-170	
Acrolein	ug/L	1000	2390	239	30-170 L3	
Acrylonitrile	ug/L	1000	847	85	67-136	
Benzene	ug/L	50	41.0	82	78-127	
Bromobenzene	ug/L	50	40.1	80	62-139	
Bromochloromethane	ug/L	50	56.5	113	54-162	
Bromodichloromethane	ug/L	50	44.1	88	69-133	
Bromoform	ug/L	50	41.8	84	60-127	
Bromomethane	ug/L	50	40.2	80	30-170	
Carbon disulfide	ug/L	100	87.5	87	58-152	
Carbon tetrachloride	ug/L	50	43.5	87	62-143	
Chlorobenzene	ug/L	50	41.5	83	75-123	
Chloroethane	ug/L	50	44.4	89	56-153	
Chloroform	ug/L	50	41.0	82	74-131	
Chloromethane	ug/L	50	43.2	86	35-147	
cis-1,2-Dichloroethene	ug/L	50	45.7	91	74-128	
cis-1,3-Dichloropropene	ug/L	50	44.3	89	58-123	
Dibromochloromethane	ug/L	50	43.7	87	66-131	
Dibromomethane	ug/L	50	44.5	89	73-133	
Dichlorodifluoromethane	ug/L	50	48.6	97	30-170	
Ethyl methacrylate	ug/L	50	48.8J	98	59-138	
Ethylbenzene	ug/L	50	41.1	82	81-126	
Hexachloro-1,3-butadiene	ug/L	50	43.0	86	70-130	
Iodomethane	ug/L	100	89.0	89	41-170	
Isopropylbenzene (Cumene)	ug/L	50	40.2	80	80-130	
Methyl-tert-butyl ether	ug/L	100	81.8	82	66-147	
Methylene chloride	ug/L	50	46.2	92	32-164	
n-Butylbenzene	ug/L	50	40.9	82	68-135	
n-Hexane	ug/L	50	42.4	85	69-157	
n-Propylbenzene	ug/L	50	41.1	82	71-132	
Naphthalene	ug/L	50	43.5	87	61-135	
p-Isopropyltoluene	ug/L	50	42.7	85	66-131	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

LABORATORY CONTROL SAMPLE: 185818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	42.7	85	73-130	
Styrene	ug/L	50	41.6	83	74-128	
tert-Butylbenzene	ug/L	50	40.9	82	63-117	
Tetrachloroethene	ug/L	50	37.6	75	60-119	
Toluene	ug/L	50	45.6	91	75-129	
trans-1,2-Dichloroethene	ug/L	50	45.5	91	71-126	
trans-1,3-Dichloropropene	ug/L	50	40.6	81	54-123	
trans-1,4-Dichloro-2-butene	ug/L	50	43.1J	86	47-141	
Trichloroethene	ug/L	50	41.0	82	74-130	
Trichlorofluoromethane	ug/L	50	44.9	90	62-150	
Vinyl acetate	ug/L	200	148	74	41-145	
Vinyl chloride	ug/L	50	43.4	87	55-141	
Xylene (Total)	ug/L	150	127	84	76-132	
4-Bromofluorobenzene (S)	%			95	70-126	
Dibromofluoromethane (S)	%			103	80-123	
Toluene-d8 (S)	%			104	80-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 185819 185820

Parameter	Units	5016499013		MSD		MS Result	% Rec	MSD % Rec	% Rec Limits	Max	
		Result	Spike Conc.	Spike Conc.	MS Result					RPD	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	33.4	35.9	67	72	55-131	7	20
1,1,1-Trichloroethane	ug/L	ND	50	50	35.3	38.8	71	78	64-143	9	20
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	44.3	47.9	89	96	64-142	8	20
1,1,2-Trichloroethane	ug/L	ND	50	50	48.5	52.6	97	105	71-143	8	20
1,1-Dichloroethane	ug/L	ND	50	50	40.5	43.7	81	87	68-139	8	20
1,1-Dichloroethene	ug/L	ND	50	50	41.9	44.2	84	88	55-140	5	20
1,1-Dichloropropene	ug/L	ND	50	50	29.6	32.3	59	65	66-140	9	20
1,2,3-Trichlorobenzene	ug/L	ND	50	50	29.7	30.2	59	60	33-140	1	20
1,2,3-Trichloropropane	ug/L	ND	50	50	43.9	47.3	88	95	58-133	7	20
1,2,4-Trichlorobenzene	ug/L	ND	50	50	25.6	26.3	51	53	28-140	3	20
1,2,4-Trimethylbenzene	ug/L	ND	50	50	19.5	19.5	39	39	39-146	0	20
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	44.4	48.3	89	97	67-134	9	20
1,2-Dichlorobenzene	ug/L	ND	50	50	27.9	28.7	56	57	48-137	3	20
1,2-Dichloroethane	ug/L	ND	50	50	45.0	48.8	90	98	63-148	8	20
1,2-Dichloropropane	ug/L	ND	50	50	40.5	41.0	81	82	70-136	1	20
1,3,5-Trimethylbenzene	ug/L	ND	50	50	18.9	18.8	38	38	39-145	1	20
1,3-Dichlorobenzene	ug/L	ND	50	50	24.9	24.7	50	49	40-143	1	20
1,3-Dichloropropane	ug/L	ND	50	50	44.5	46.9	89	94	65-133	5	20
1,4-Dichlorobenzene	ug/L	ND	50	50	23.9	24.2	48	48	38-142	1	20
2,2-Dichloropropane	ug/L	ND	50	50	36.9	39.6	74	79	35-157	7	20
2-Butanone (MEK)	ug/L	ND	250	250	227	249	91	100	62-132	9	20
2-Chlorotoluene	ug/L	ND	50	50	21.0	21.2	42	42	44-143	1	20
2-Hexanone	ug/L	ND	250	250	238	261	95	104	61-141	9	20
4-Chlorotoluene	ug/L	ND	50	50	21.0	21.8	42	44	43-140	3	20
4-Methyl-2-pentanone (MIBK)	ug/L	ND	250	250	253	279	101	112	57-135	10	20
Acetone	ug/L	ND	250	250	234	257	94	103	30-170	9	20

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

Parameter	Units	5016499013		MS Spike		MSD Spike		MS Result		MSD Result		% Rec	MSD % Rec	% Rec Limits	Max	
		Result	Conc.	Conc.	Result	Conc.	Result	% Rec	RPD	RPD	Qual				RPD	RPD
Acrolein	ug/L	ND	1000	1000	2010	2150	201	215	30-170	7	20					
Acrylonitrile	ug/L	ND	1000	1000	904	985	90	99	66-137	9	20					
Benzene	ug/L	ND	50	50	35.3	37.8	71	76	63-141	7	20					
Bromobenzene	ug/L	ND	50	50	24.8	26.2	50	52	57-128	5	20					
Bromoform	ug/L	ND	50	50	56.6	48.1	113	96	65-157	16	20					
Bromochloromethane	ug/L	ND	50	50	40.9	44.1	82	88	63-135	8	20					
Bromodichloromethane	ug/L	ND	50	50	37.1	39.7	74	79	58-124	7	20					
Bromomethane	ug/L	ND	50	50	40.5	45.8	81	92	30-170	12	20					
Carbon disulfide	ug/L	ND	100	100	71.3	78.2	71	78	46-162	9	20					
Carbon tetrachloride	ug/L	ND	50	50	33.1	35.6	66	71	54-145	7	20					
Chlorobenzene	ug/L	ND	50	50	27.3	28.5	55	57	56-133	4	20					
Chloroethane	ug/L	ND	50	50	47.1	50.9	94	102	54-157	8	20					
Chloroform	ug/L	ND	50	50	39.3	42.8	79	86	67-134	9	20					
Chloromethane	ug/L	ND	50	50	46.6	49.0	93	98	36-137	5	20					
cis-1,2-Dichloroethene	ug/L	ND	50	50	42.1	43.7	84	87	65-132	4	20					
cis-1,3-Dichloropropene	ug/L	ND	50	50	42.0	45.6	84	91	46-121	8	20					
Dibromochloromethane	ug/L	ND	50	50	39.4	42.5	79	85	64-124	8	20					
Dibromomethane	ug/L	ND	50	50	45.4	49.0	91	98	67-144	8	20					
Dichlorodifluoromethane	ug/L	ND	50	50	58.1	60.6	116	121	30-163	4	20					
Ethyl methacrylate	ug/L	ND	50	50	47.5J	52.9J	95	106	52-140	20						
Ethylbenzene	ug/L	ND	50	50	21.3	22.1	43	44	44-151	3	20					
Hexachloro-1,3-butadiene	ug/L	ND	50	50	9.6	9.0	19	18	30-145	6	20					
Iodomethane	ug/L	ND	100	100	92.8	97.5	93	97	28-168	5	20					
Isopropylbenzene (Cumene)	ug/L	ND	50	50	17.2	17.4	34	35	40-148	1	20					
Methyl-tert-butyl ether	ug/L	ND	100	100	88.0	96.4	88	96	52-156	9	20					
Methylene chloride	ug/L	ND	50	50	47.0	49.6	89	94	46-154	5	20					
n-Butylbenzene	ug/L	ND	50	50	11.7	11.2	23	22	27-153	4	20					
n-Hexane	ug/L	ND	50	50	32.8	35.2	66	70	32-176	7	20					
n-Propylbenzene	ug/L	ND	50	50	16.2	16.0	32	32	40-148	1	20					
Naphthalene	ug/L	ND	50	50	35.2	37.3	70	75	44-138	6	20					
p-Isopropyltoluene	ug/L	ND	50	50	14.5	13.9	29	28	34-146	4	20					
sec-Butylbenzene	ug/L	ND	50	50	13.0	12.7	26	25	38-150	3	20					
Styrene	ug/L	ND	50	50	23.5	24.5	47	49	38-141	4	20					
tert-Butylbenzene	ug/L	ND	50	50	16.3	16.1	33	32	32-133	2	20					
Tetrachloroethene	ug/L	ND	50	50	19.0	19.6	38	39	25-146	3	20					
Toluene	ug/L	ND	50	50	33.8	35.9	68	72	59-142	6	20					
trans-1,2-Dichloroethene	ug/L	ND	50	50	38.5	41.4	77	83	60-137	7	20					
trans-1,3-Dichloropropene	ug/L	ND	50	50	37.2	40.7	74	81	43-117	9	20					
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	45.7J	51.4J	91	103	44-139	20						
Trichloroethene	ug/L	ND	50	50	30.0	31.9	60	64	61-137	6	20					
Trichlorofluoromethane	ug/L	ND	50	50	46.3	48.9	93	98	53-162	5	20					
Vinyl acetate	ug/L	ND	200	200	157	174	79	87	24-132	10	20					
Vinyl chloride	ug/L	ND	50	50	46.8	49.3	94	99	51-144	5	20					
Xylene (Total)	ug/L	ND	150	150	65.1	67.2	43	45	44-152	3	20					
4-Bromofluorobenzene (S)	%						93	94	70-126	20						
Dibromofluoromethane (S)	%						103	101	80-123	20						
Toluene-d8 (S)	%						115	116	80-116	20						

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	MSV/10198	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
Associated Lab Samples:	5016499015, 5016499017, 5016499018, 5016499020		

METHOD BLANK: 186167

Associated Lab Samples: 5016499015, 5016499017, 5016499018, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,1-Trichloroethane	ug/L	ND	5.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	5.0	
1,1,2-Trichloroethane	ug/L	ND	5.0	
1,1-Dichloroethane	ug/L	ND	5.0	
1,1-Dichloroethene	ug/L	ND	5.0	
1,1-Dichloropropene	ug/L	ND	5.0	
1,2,3-Trichlorobenzene	ug/L	ND	5.0	
1,2,3-Trichloropropane	ug/L	ND	5.0	
1,2,4-Trichlorobenzene	ug/L	ND	5.0	
1,2,4-Trimethylbenzene	ug/L	ND	5.0	
1,2-Dibromoethane (EDB)	ug/L	ND	5.0	
1,2-Dichlorobenzene	ug/L	ND	5.0	
1,2-Dichloroethane	ug/L	ND	5.0	
1,2-Dichloropropane	ug/L	ND	5.0	
1,3,5-Trimethylbenzene	ug/L	ND	5.0	
1,3-Dichlorobenzene	ug/L	ND	5.0	
1,3-Dichloropropane	ug/L	ND	5.0	
1,4-Dichlorobenzene	ug/L	ND	5.0	
2,2-Dichloropropane	ug/L	ND	5.0	
2-Butanone (MEK)	ug/L	ND	25.0	
2-Chlorotoluene	ug/L	ND	5.0	
2-Hexanone	ug/L	ND	25.0	
4-Chlorotoluene	ug/L	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	25.0	
Acetone	ug/L	ND	100	
Acrolein	ug/L	ND	100	
Acrylonitrile	ug/L	ND	100	
Benzene	ug/L	ND	5.0	
Bromobenzene	ug/L	ND	5.0	
Bromochloromethane	ug/L	ND	5.0	
Bromodichloromethane	ug/L	ND	5.0	
Bromoform	ug/L	ND	5.0	
Bromomethane	ug/L	ND	5.0	
Carbon disulfide	ug/L	ND	10.0	
Carbon tetrachloride	ug/L	ND	5.0	
Chlorobenzene	ug/L	ND	5.0	
Chloroethane	ug/L	ND	5.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	5.0	
cis-1,2-Dichloroethene	ug/L	ND	5.0	
cis-1,3-Dichloropropene	ug/L	ND	5.0	
Dibromochloromethane	ug/L	ND	5.0	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

METHOD BLANK: 186167

Associated Lab Samples: 5016499015, 5016499017, 5016499018, 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Dibromomethane	ug/L	ND	5.0	
Dichlorodifluoromethane	ug/L	ND	5.0	
Ethyl methacrylate	ug/L	ND	100	
Ethylbenzene	ug/L	ND	5.0	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	
Iodomethane	ug/L	ND	10.0	
Isopropylbenzene (Cumene)	ug/L	ND	5.0	
Methyl-tert-butyl ether	ug/L	ND	4.0	
Methylene chloride	ug/L	ND	5.0	
n-Butylbenzene	ug/L	ND	5.0	
n-Hexane	ug/L	ND	5.0	
n-Propylbenzene	ug/L	ND	5.0	
Naphthalene	ug/L	ND	5.0	
p-Isopropyltoluene	ug/L	ND	5.0	
sec-Butylbenzene	ug/L	ND	5.0	
Styrene	ug/L	ND	5.0	
tert-Butylbenzene	ug/L	ND	5.0	
Tetrachloroethene	ug/L	ND	5.0	
Toluene	ug/L	ND	5.0	
trans-1,2-Dichloroethene	ug/L	ND	5.0	
trans-1,3-Dichloropropene	ug/L	ND	5.0	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	
Trichloroethene	ug/L	ND	5.0	
Trichlorofluoromethane	ug/L	ND	5.0	
Vinyl acetate	ug/L	ND	10.0	
Vinyl chloride	ug/L	ND	2.0	
Xylene (Total)	ug/L	ND	10.0	
4-Bromofluorobenzene (S)	%	98	70-126	
Dibromofluoromethane (S)	%	97	80-123	
Toluene-d8 (S)	%	100	80-116	

LABORATORY CONTROL SAMPLE: 186168

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.5	99	69-130	
1,1,1-Trichloroethane	ug/L	50	49.2	98	69-136	
1,1,2,2-Tetrachloroethane	ug/L	50	48.6	97	69-131	
1,1,2-Trichloroethane	ug/L	50	49.1	98	77-132	
1,1-Dichloroethane	ug/L	50	48.4	97	67-133	
1,1-Dichloroethene	ug/L	50	55.4	111	63-128	
1,1-Dichloropropene	ug/L	50	50.6	101	75-134	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	58-131	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-131	
1,2,4-Trichlorobenzene	ug/L	50	48.8	98	60-130	
1,2,4-Trimethylbenzene	ug/L	50	48.3	97	73-130	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

LABORATORY CONTROL SAMPLE: 186168

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	47.9	96	75-126	
1,2-Dichlorobenzene	ug/L	50	48.4	97	76-124	
1,2-Dichloroethane	ug/L	50	49.2	98	69-139	
1,2-Dichloropropane	ug/L	50	50.2	100	76-129	
1,3,5-Trimethylbenzene	ug/L	50	48.4	97	74-130	
1,3-Dichlorobenzene	ug/L	50	49.1	98	76-125	
1,3-Dichloropropane	ug/L	50	48.0	96	74-126	
1,4-Dichlorobenzene	ug/L	50	47.3	95	75-122	
2,2-Dichloropropane	ug/L	50	51.6	103	53-144	
2-Butanone (MEK)	ug/L	250	348	139	47-189	
2-Chlorotoluene	ug/L	50	48.8	98	72-128	
2-Hexanone	ug/L	250	334	134	57-167	
4-Chlorotoluene	ug/L	50	50.3	101	73-124	
4-Methyl-2-pentanone (MIBK)	ug/L	250	231	92	61-135	
Acetone	ug/L	250	526	211	30-170 L3	
Acrolein	ug/L	1000	2300	230	30-170 L3	
Acrylonitrile	ug/L	1000	906	91	67-136	
Benzene	ug/L	50	48.2	96	78-127	
Bromobenzene	ug/L	50	50.2	100	62-139	
Bromochloromethane	ug/L	50	63.6	127	54-162	
Bromodichloromethane	ug/L	50	47.9	96	69-133	
Bromoform	ug/L	50	42.5	85	60-127	
Bromomethane	ug/L	50	56.7	113	30-170	
Carbon disulfide	ug/L	100	104	104	58-152	
Carbon tetrachloride	ug/L	50	52.1	104	62-143	
Chlorobenzene	ug/L	50	47.5	95	75-123	
Chloroethane	ug/L	50	50.6	101	56-153	
Chloroform	ug/L	50	45.5	91	74-131	
Chloromethane	ug/L	50	49.0	98	35-147	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	74-128	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	58-123	
Dibromochloromethane	ug/L	50	44.7	89	66-131	
Dibromomethane	ug/L	50	49.8	100	73-133	
Dichlorodifluoromethane	ug/L	50	50.4	101	30-170	
Ethyl methacrylate	ug/L	50	45.6J	91	59-138	
Ethylbenzene	ug/L	50	47.0	94	81-126	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	70-130	
Iodomethane	ug/L	100	116	116	41-170	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	80-130	
Methyl-tert-butyl ether	ug/L	100	92.7	93	66-147	
Methylene chloride	ug/L	50	51.6	103	32-164	
n-Butylbenzene	ug/L	50	50.6	101	68-135	
n-Hexane	ug/L	50	51.1	102	69-157	
n-Propylbenzene	ug/L	50	49.6	99	71-132	
Naphthalene	ug/L	50	50.8	102	61-135	
p-Isopropyltoluene	ug/L	50	48.9	98	66-131	
sec-Butylbenzene	ug/L	50	49.9	100	73-130	
Styrene	ug/L	50	47.7	95	74-128	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

LABORATORY CONTROL SAMPLE: 186168

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	46.9	94	63-117	
Tetrachloroethene	ug/L	50	40.8	82	60-119	
Toluene	ug/L	50	49.3	99	75-129	
trans-1,2-Dichloroethene	ug/L	50	53.8	108	71-126	
trans-1,3-Dichloropropene	ug/L	50	42.6	85	54-123	
trans-1,4-Dichloro-2-butene	ug/L	50	43.9J	88	47-141	
Trichloroethene	ug/L	50	48.7	97	74-130	
Trichlorofluoromethane	ug/L	50	54.0	108	62-150	
Vinyl acetate	ug/L	200	185	92	41-145	
Vinyl chloride	ug/L	50	54.4	109	55-141	
Xylene (Total)	ug/L	150	140	93	76-132	
4-Bromofluorobenzene (S)	%			100	70-126	
Dibromofluoromethane (S)	%			98	80-123	
Toluene-d8 (S)	%			97	80-116	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	GCV/4810	Analysis Method:	EPA 8015 Mod Pur
QC Batch Method:	EPA 8015 Mod Pur	Analysis Description:	8015 Solid GCV
Associated Lab Samples:	5016499004		

METHOD BLANK: 186230

Associated Lab Samples: 5016499004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Gasoline Range Organics	mg/kg	ND	1.0	
4-Bromofluorobenzene (S)	%	102	40-159	

LABORATORY CONTROL SAMPLE: 186231

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	10	8.6	86	79-128	
4-Bromofluorobenzene (S)	%			119	40-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 186476 186477

Parameter	Units	5016693002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Gasoline Range Organics	mg/kg	ND	11.1	11.1	7.5	7.6	67	68	40-135	2	20	
4-Bromofluorobenzene (S)	%						104	102	40-159		20	

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QUALITY CONTROL DATA

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

QC Batch:	GCV/4812	Analysis Method:	EPA 5030/8015 Mod.
QC Batch Method:	EPA 5030/8015 Mod.	Analysis Description:	Gasoline Range Organics
Associated Lab Samples:	5016499020		

METHOD BLANK: 186414

Associated Lab Samples: 5016499020

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Gasoline Range Organics	mg/L	ND	0.20	
4-Bromofluorobenzene (S)	%	74	40-128	

LABORATORY CONTROL SAMPLE: 186415

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/L	10	9.4	94	76-130	
4-Bromofluorobenzene (S)	%			103	40-128	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 186416 186417

Parameter	Units	5016658003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Max Qual
Gasoline Range Organics	mg/L	ND	10	10	8.4	8.2	83	81	40-135	2	20	
4-Bromofluorobenzene (S)	%						103	103	40-128		20	pH

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QUALIFIERS

Project: GLCDC-Brownfields Project

Pace Project No.: 5016499

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

- 1d The target analyte result was confirmed by an out-of-hold re-extract analyzed on 07/14/08 at 18:11 on 50GCS3. 7-16-08
RRB
- 2d The target analyte result was confirmed by an out-of-hold re-extract analyzed on 07/14/08 at 18:19 on 50GCS3. 7-16-08
RRB
- 3d Surrogate recovery is outside control limits. LCS acceptance based upon the compound recoveries of all compounds being within control limits. DT 07-14-2008
- 4d Multiple compounds are outside acceptance limits, refer to LCS for system control and data acceptability. JLF 7/13/08.
- 5d Multiple compounds are outside acceptance limits, refer to LCS for system control and data acceptability. JLF 7/14/08.
- L3 Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- R1 RPD value was outside control limits.
- S0 Surrogate recovery outside laboratory control limits.
- S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
- pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.



Sample Condition Upon Receipt

Client Name: IWM Project # 5016499

Courier: FedEx UPS USPS Client Commercial Pace Other
Tracking #:)

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used 123.4 Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 4.6°C 5.0°C 21.0°C 3.6°C Biological Tissue Is Frozen: Yes No Date and Initials of person examining contents: D 7/3/08
Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6. <i>Reg and TC Kits</i>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <i>water/SDI</i> <i>Chain 192 / 180 samples</i> <i>See back</i>
-Includes date/time/ID/Analysis Matrix:		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Kenneth Hunt

Date: 7/3/08

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Appendix D
Data Assessment Report



DATA ASSESSMENT REPORT
2600 Duncan Road
Lafayette, IN

Overall Sample Contamination and Accuracy/Bias

Quality control samples were reviewed to evaluate the accuracy and potential bias of sample results. There was no apparent field contamination noted or observed during field sampling activities, however the groundwater samples had high turbidity. Consequently, the total (unfiltered) metal concentrations in the groundwater samples may be biased high when compared to samples with low turbidity or filtered (dissolved) groundwater samples. The laboratory data validation reports included data from method/preparation blank samples, field blank samples, trip blank samples surrogate spikes, MS/MSD samples and laboratory control samples (LCS) which were used to compare the overall contamination and accuracy/bias from multiple sets for each sampled matrix, analytical parameter and concentration level.

Sample Representativeness

Overall sample representativeness is considered acceptable based on the results of the field audits which indicate that the approved sampling methods or alternative sampling methods were used to collect the samples. The SAP originally proposed obtaining the groundwater samples utilizing a low flow submersible pump. However, due to subsurface limitations, time constraints, and budget constraints, it was agreed upon by all parties (representatives from the GLCDC, U.S. EPA, and IWM Consulting) that the groundwater samples at all of the Lafayette USEPA Brownfield sites, including this Site, could be obtained using a dedicated polyethylene bailer instead of the low flow submersible pump.

IWM Consulting obtained groundwater samples from temporary piezometers and groundwater samples were collected using disposable polyethylene bailers. Additionally, the field duplicate relative percent difference (RPD) is at least 75 percent for the collected sample and is deemed acceptable.

Sensitivity and Quantitation Limits

The overall sensitivity was assessed by comparing the sensitivity for each monitoring program to the detectability requirements for the specific analyses. The quantitation limits for the sample data were reviewed to ensure that the sensitivity of the analyses were sufficient to achieve the applicable IDEM RISC Residential Default Closure Level standards. Overall sensitivity is considered acceptable if quantitation limits for samples are less than the acceptable evaluation criteria. Acceptable evaluation criteria are achieving the IDEM RISC Residential Default Closure Level standards. This was accomplished with the exception of the following volatile organic compound (VOC) constituents: 1,2-Dibromomethane (EDB), 1,1,2,2-Tetrachloroethane, Antimony, Thallium, Atrazine, Acrolein, Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Bis(2-chloroethyl)ether, Bis(2-chloroisopropyl)ether, Dibenz(a,h)anthracene, 3,3-Dichlorobenzidine, Dieldrin, 2,4-Dinitrotoluene, 2,4-Dinitrophenol, 2,6-Dinitrotoluene, Hexachlorobenzene, Indeno(1,2,3-cd)pyrene, N-Nitroso-di-n-propylamine, Nitrobenzene, Pentachlorophenol, Toxaphene, and 2,4,6-Trichlorophenol. These compounds were originally flagged in Section 1.4.1 of the QAPP and also several were noted in Appendix 1, Table A-Residential Closure Levels footnotes of the IDEM RISC User's Guide, (January 31, 2006 Update).

The laboratory data validation reports indicate that the sensitivity and/or quantitation limits were achieved and all data appears to be usable.

Completeness

The project data followed the measurement performance criteria for data completeness as outlined in the QAPP, Section 1.5.4. The overall completeness is deemed valid.

Comparability

The project data followed the measurement performance criteria for data completeness as outlined in the QAPP, Section 1.5.5. The comparability of data sets were evaluated by reviewing the sampling and analysis (SAP) methods used to generate the data for each data set. Project comparability was determined to be acceptable based on the adherence of the SAP methods outlined in the 2600 Duncan Road SAP and QAPP Section 2.3 for generating the soil and groundwater data.

Compliance

In accordance with QAPP, compliance with the sampling process design, sampling methods, sample handling and custody requirements, field QA/QC sample collection schedule, field QA/QC procedures and field equipment testing, inspection and maintenance procedures were assessed by the project manager. Two significant deviations from the SAP were noted for the Phase II subsurface investigation. First, due to the presence of dense sand beneath the site, the direct push Geoprobe® drilling unit could not be advanced to depths greater than 20 feet BLS, which is approximately 15 feet shallower than the underlying groundwater table. Therefore, the soil borings had to be advanced using the hollow stem auger (HSA) drilling technique as opposed to the direct push Geoprobe® drilling unit. Secondly, after receiving approval from representatives from the GLCDC and the U.S. EPA, the groundwater samples were obtained using dedicated, polyethylene bailers as opposed to a low flow groundwater pump.

The data manager was responsible for assessing compliance with the laboratory chain of custody requirements, analytical methods requirements and laboratory QA/QC procedures. No significant deviations from the SAP were noted for the Phase II subsurface investigation.

Correctness

As specified in the QAPP, the project manager was responsible for assessing whether field activities, including sample collection, handling and transport were conducted correctly. No significant deviations from the SAP were noted for the Phase II subsurface investigation. Full sets of QA/QC samples were collected for soil and groundwater.

The data manager with assistance from the quality assurance manager had overall responsibility for assessing laboratory activities for correctness. Deviations in the analytical procedures were identified for a portion of the analyses, resulting in qualifying these data during validation as appropriate. The data affected by these deviations have been assigned qualifiers as described in the laboratory data evaluation report or quality control data section of the laboratory report.

Data Limitations and Actions

Sources of sampling and analytical error were identified and corrected as early as possible to the onset of sample collection activities (equipment failure delays and additional drilling requirements). An ongoing data assessment process was incorporated during the project, rather than just as a final step, to facilitate the early detection and correction of problems, ensuring that project quality objectives were met.

Appendix E
Heritage Letter Report

HERITAGE REMEDIATION/ENGINEERING, INC.



P.O. Box 51020
Indianapolis, IN 46251
Phone: 317/243-7475
FAX: 317/243-2046

February 25, 1992

Mr. Gary Chapman
Bose, McKinney, and Evans
2700 First Indiana Plaza
135 North Pennsylvania Avenue
Indianapolis, IN 46204

Re: HR/E Site Activities
Grace Property

Dear Mr. Chapman:

The purpose of this letter is to transmit a report of Heritage Remediation/Engineering, Inc. (HR/E) findings and observations from site activities at the Grace property. HR/E services were based on proposal No. 911303.1 submitted to the Fauber Construction Company on September 12, 1991.

INTRODUCTION

The Fauber Construction Company, Inc. (Fauber) was retained by Bose, McKinney & Evans to remove waste materials and construction debris from the Grace property located at 2200 N. 9th Street in Lafayette, Indiana. The materials visually identified on-site prior to beginning the project included refrigerators, water heaters, tires, chemical containers, and wood products. These materials were located in a pit on the Grace property. It was said that the majority of waste materials in the pit were from the former Ed Grace Company, Inc. The Ed Grace Company was a plumbing contractor company. It was also HR/E's understanding, based on a conversation with Mrs. Ed Grace, President of the Ed Grace Company, that company employees disposed of residential household waste in the pit.

Heritage Remediation/Engineering, Inc. (HR/E) provided technical oversight for the project with regard to potential environmental compliance issues. HR/E stationed a project manager on-site during excavation activities to identify specific types of material that might pose a potential environmental concern, and to provide guidance if such materials were found.

5 JAN 98

from: Glenwood Yopp



Mr. Gary Chapman
February 25, 1992
Page 2

PROJECT ACTIVITIES

During the excavation activities HR/E visually inspected the excavation site for materials that could pose a potential environmental concern such as waste oils, discolored soil, drummed industrial materials, painting materials, solvents, and insulation. HR/E used an organic vapor analyzer (OVA) to monitor for the presence of airborne volatile organic compounds. OVA readings were obtained from the pit as debris and materials were removed. No readings above background conditions were obtained with the OVA. Site activities were conducted from October 28 to November 7, 1991. Three (3) days of site activities were lost due to rain delays.

On Monday October 28, 1991, a partially crushed 55-gallon metal drum was removed from the excavation. The drum contained a small amount (less than one gallon) of what appeared to be water soluble cutting oil. OVA readings for the drum were also at background levels. The drum was set aside and arrangements were made to dispose of the oil with Fauber's waste oil that is picked up by Petroleum Management in Indianapolis on a regular basis.

No other waste materials which would cause environmental concern were readily identified during the excavation activities. The materials removed from the Grace property appeared to originate from construction activities. These materials included piping, wood, water heaters, and wire in addition to certain household wastes such as paper products, bottles, and cans. The 55-gallon metal drums that were removed appeared to have been used for burning residential household waste.

Field observations noted during site activities indicated that debris was likely placed on the Grace property in lifts, or layers. Moderate amounts of soil were present between layers, and the transfer station operators objected to large amounts of soil mixed in with the loads of debris. Excavation activities progressed to an approximate depth of 10 (ten) feet below surface grade to the top of a six-to-ten inch soil layer. Debris was observed beneath this soil layer. Exploratory holes were excavated at ten to fifteen foot intervals along the bottom of the excavation site. Each hole was approximately four feet wide and six feet long. The holes were excavated to a depth below which no more waste was found (approximately 2-6 feet). The debris observed in the holes was similar to the debris excavated from prior site activities. ~~No visible materials were noted that presented significant environmental concerns. Additional excavation activities were discontinued based on these findings. The exploratory holes were then filled in and the area was roughly graded. However, the excavation cavity itself was left open for potential future investigations/actions.~~

5-Jan-98
from: Glenward Papp


HERITAGE

Mr. Gary Chapman
February 25, 1992
Page 3

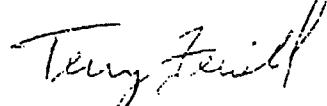
Approximately forty-two (42) loads of waste materials weighing 585 tons were transported by Fauber to a transfer station, Tippecanoe Recycling and Transfer Facility, located at 2770 N. 9th Street. The transfer station is operated by Waste Management, Inc. Waste materials from the transfer station were subsequently transported to the Byers Recycling and Disposal landfill in Logansport, Indiana. The Byers landfill is approved by the IDEM to accept both "special" and municipal solid waste materials. Special waste is a term used by the Indiana Department of Environmental Management (IDEM) to describe industrial waste materials.

Please note that HR/E conclusions regarding the Grace property are based solely on visual observations and portable instrumentation readings conducted during the course of site activities. Therefore, HR/E cannot make definitive statements as to whether or not surface and/or subsurface contamination has occurred. An extensive investigation of soil and groundwater would be necessary to gather sufficient information for a complete assessment of site conditions. As with nearly all projects of this type, the amount of acceptable risk is balanced against the cost of additional investigations. In this specific instance, the removal activities and visual observations conducted by HR/E were deemed to be sufficient and within the requested scope of services.

Thank you for your interest in Heritage environmental consulting services. If you have questions or comments regarding this matter, please contact me at 317/243-7475.

Sincerely,

HERITAGE REMEDIATION/ENGINEERING, INC.


Terry R. Ferrill, PE, CHMM
Project Engineer

TRF/bjm

Job #26153
TF921467.I4

 Recycled Paper

5 JAN 98
From: Glenwood YOPP